



## NEC3 Term Service Contract (TSC3)

**Between ESKOM HOLDINGS SOC Ltd  
(Reg No. 2002/015527/30)**

**and [Insert at award stage]  
(Reg No. \_\_\_\_\_ )**

**for The Provision of Ash Plant Outage (GO and MGO)  
Execution Services to Kriel Power Station for a Period of  
5 Years on an As and When Required Basis**

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**Part C1 Agreements & Contract Data**

**Part C2 Pricing Data**

**Part C3 Scope of Work**

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**CONTRACT No.**

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## **PART C1:      AGREEMENTS & CONTRACT DATA**

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#### **C1.1 Form of Offer and Acceptance**

[to be inserted from Returnable Documents at award stage]

#### **C1.2a Contract Data provided by the *Employer***

#### **C1.2b Contract Data provided by the *Contractor***

[to be inserted from Returnable Documents at award stage]

#### **C1.3 Proforma Guarantees**

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## C1.1 Form of Offer & Acceptance

### Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

**The Provision of Ash Plant Outage (GO and MGO) Execution Services to Kriel Power Station for a Period of 5 Years on an As and When Required Basis**

The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the *Contractor* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data.

Options A	The offered total of the Prices exclusive of VAT is	R
	Value Added Tax @ 15% is	R
	The offered total of the amount due inclusive of VAT is <sup>1</sup>	R
	(in words)	

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Contractor* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s) .....

Capacity .....

**For the  
tenderer:**

.....  
(Insert name and address of organisation)

Name &  
signature of  
witness

Date

Tenderer's CIDB registration number:

<sup>1</sup> This total is required by the *Employer* for budgeting purposes only. Actual amounts due will be assessed in terms of the *conditions of contract*.

## Acceptance

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: Service Information

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed and signed original copy of this document, including the Schedule of Deviations (if any).

Signature(s)

Name(s)

Capacity

**for the  
Employer**

(Insert name and address of organisation)

Name &  
signature of  
witness

Date

Note: If a tenderer wishes to submit alternative tenders, use another copy of this Form of Offer and Acceptance.

**Schedule of Deviations to be completed by the *Employer* prior to contract award**

Note:

1. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here and the final draft of the contract documents shall be revised to incorporate the effect of it.

No.	Subject	Details
1	[•]	[•]
2	[•]	[•]
3	[•]	[•]
4	[•]	[•]
5	[•]	[•]
6	[•]	[•]
7	[•]	[•]

By the duly authorised representatives signing this Schedule of Deviations below, the Employer and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Employer during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

**For the tenderer:****For the Employer**

Signature

Name

Capacity

On behalf  
of*(Insert name and address of organisation)**(Insert name and address of organisation)*Name &  
signature  
of witness

Date

## C1.2 TSC3 Contract Data

### Part one - Data provided by the *Employer*

Completion of this data in full, according to the Options chosen, is essential to create a complete contract.

Clause	Statement	Data
1	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option:	
		<b>A: Priced contract with price list</b>
	dispute resolution Option	<b>W1: Dispute resolution procedure</b>
	and secondary Options	
		<b>X1: Price adjustment for inflation</b>
		<b>X2: Changes in the law</b>
		<b>X17: Low service damages</b>
		<b>X18: Limitation of liability</b>
		<b>X19: Task Order</b>
		<b>Z: Additional conditions of contract</b>
	of the NEC3 Term Service Contract April 2013 <sup>2</sup> (TSC3)	
10.1	The <i>Employer</i> is (name):	<b>Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state-owned company incorporated in terms of the company laws of the Republic of South Africa G Bonga</b>
	Address	<b>Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg</b>
	Tel No.	<b>017 615 2300</b>
	Fax No.	<b>-</b>
10.1	The <i>Service Manager</i> is (name):	<b>Thapelo Masokoane</b>
	Address	<b>Kriel Power Station Private Bag X5009, Kriel 2271</b>
	Tel	<b>017 615 2439</b>
	Fax	<b>-</b>

<sup>2</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902 [www.ecs.co.za](http://www.ecs.co.za)

	e-mail	MasokoTH@eskom.co.za
11.2(2)	The Affected Property is	Ash Plant and related components
11.2(13)	The <i>service</i> is	The Provision of Ash Plant Outage (GO and MGO) Execution Services to Kriel Power Station for a Period of 5 Years on an As and When Required Basis
11.2(14)	The following matters will be included in the Risk Register	<ol style="list-style-type: none"> <li>1. Unprotected Strikes</li> <li>2. Late access due to interfaces</li> <li>3. Working on heights</li> <li>4. Working in confined spaces</li> </ol>
11.2(15)	The Service Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	<ul style="list-style-type: none"> <li>- Within 2 working days non outage periods</li> <li>- During Outages within 12 hours including weekends and public holidays</li> <li>- 24 Hours For Maintenance Work</li> </ul>
2	<b>The Contractor's main responsibilities</b>	Data required by this section of the core clauses is also provided by the <i>Contractor</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data
21.1	The <i>Contractor</i> submits a first plan for acceptance within	Level 3 plan within a week of the Contract Date
3	<b>Time</b>	
30.1	The proposed <i>starting date</i> is (proposed)	01 April 2023
30.1	The <i>service period</i> is	5 Years
4	<b>Testing and defects</b>	As per section X18 and section 4.3.2
5	<b>Payment</b>	
50.1	The <i>assessment interval</i> is	<ul style="list-style-type: none"> <li>- 25th day of each successive month</li> <li>- Service manager may when deemed necessary request Bi-Weekly payment assessments or on the completion of work</li> </ul>
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	60 days from invoice receipt
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365-day year) charged by from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and

		(ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption "Money Rates" in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter (and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.
6	<b>Compensation events</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data
7	<b>Use of Equipment Plant and Materials</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data
8	<b>Risks and insurance</b>	
80.1	These are additional <i>Employer's</i> risks	1. None
9	<b>Termination</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
10	<b>Data for main Option clause</b>	
A	<b>Priced contract with price list</b>	
20.5	The <i>Contractor</i> prepares forecasts of the final total of the Prices for the whole of the Task Order at intervals no longer than	2 weeks.
11	<b>Data for Option W1</b>	
W1.1	The <i>Adjudicator</i>	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> ). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
W1.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering



		and the Institution of Civil Engineers (London) (see <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> ) or its successor body.
W1.4(2)	The <i>tribunal</i> is:	arbitration
W1.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
	The place where arbitration is to be held is	Johannesburg South Africa
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee
	- if the arbitration procedure does not state who selects an arbitrator, is	of the Association of Arbitrators (Southern Africa) or its successor body.

## 12 Data for secondary Option clauses

<b>X1</b>	<b>Price adjustment for inflation</b>	<b>Tenderer to complete</b>																								
X1.1	The <i>base date</i> for indices is	One month prior to tender closing date																								
	The proportions used to calculate the Price Adjustment Factor are:	<table> <tr> <th>Proportion</th><th>linked to index for</th><th>Index prepared by</th></tr> <tr> <td>0.</td><td>[•]</td><td>[•]</td></tr> <tr> <td>0.</td><td>[•]</td><td>[•]</td></tr> <tr> <td>0.</td><td>[•]</td><td>[•]</td></tr> <tr> <td>0.</td><td>[•]</td><td>[•]</td></tr> <tr> <td>0.</td><td>[•]</td><td>[•]</td></tr> <tr> <td>[•]</td><td colspan="2">non-adjustable</td></tr> <tr> <td>1.00</td><td colspan="2"></td></tr> </table>	Proportion	linked to index for	Index prepared by	0.	[•]	[•]	0.	[•]	[•]	0.	[•]	[•]	0.	[•]	[•]	0.	[•]	[•]	[•]	non-adjustable		1.00		
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<b>X2</b>	<b>Changes in the law</b>	There is no reference to Contract Data in this Option and terms in italics are identified elsewhere in this Contract Data.																								
<b>X17</b>	<b>Low service damages</b>																									
X17.1	The <i>service level table</i> is in	Annexure B																								
<b>X18</b>	<b>Limitation of liability</b>																									
X18.1	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to:	R0.0 (zero Rand)																								
X18.2	For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to:	the amount of the deductibles relevant to the event																								
X18.3	The <i>Contractor's</i> liability for Defects due to his design which are not listed on the Defects Certificate is limited to	The greater of the total of the Prices at the Contract Date and																								

		<ul style="list-style-type: none"> <li>the amounts excluded and unrecoverable from the <i>Employer's</i> assets policy for correcting the Defect (other than the resulting physical damage which is not excluded) plus the applicable deductible as at contract date.</li> </ul>
X18.4	The <i>Contractor's</i> total liability to the <i>Employer</i> for all matters arising under or in connection with this contract, other than excluded matters, is limited to:	<p>the total of the Prices other than for the additional excluded matters.</p> <p>The <i>Contractor's</i> total liability for the additional excluded matters is not limited.</p> <p>The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for</p> <p>Defects due to his design which arise before the Defects Certificate is issued,  Defects due to manufacture and fabrication outside the Site,  loss of or damage to property (other than the works, Plant and Materials),  death of or injury to a person and  infringement of an intellectual property right.</p>
X18.5	The <i>end of liability date</i> is	<p>(i) 10 years after the <i>defects date</i> for latent Defects and</p> <p>(ii) the date on which the liability in question prescribes in accordance with the Prescription Act No. 68 of 1969 (as amended or in terms of any replacement legislation) for any other matter.</p> <p>A latent Defect is a Defect which would not have been discovered on reasonable inspection by the <i>Employer</i> or the <i>Supervisor</i> before the <i>defects date</i>, without requiring any inspection not ordinarily carried out by the <i>Employer</i> or the <i>Supervisor</i> during that period.  If the <i>Employer</i> or the <i>Supervisor</i> do undertake any inspection over and above the reasonable inspection, this does not place a greater responsibility on the <i>Employer</i> or the <i>Supervisor</i> to have discovered the Defect.</p>
Z	The <i>Additional conditions of contract</i> are	Z1 to Z15 always apply.
Z1	Cession delegation and assignment	
Z1.1	The <i>Contractor</i> does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the <i>Employer</i> .	
Z1.2	Notwithstanding the above, the <i>Employer</i> may on written notice to the <i>Contractor</i> cede and delegate its rights and obligations under this contract to any of its subsidiaries or any of its present divisions or operations which may be converted into separate legal entities as a result of the restructuring of the Electricity Supply Industry.	

<b>Z2</b>	<b>Joint ventures</b>
Z2.1	If the <i>Contractor</i> constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations then these persons or organisations are deemed to be jointly and severally liable to the <i>Employer</i> for the performance of this contract.
Z2.2	Unless already notified to the <i>Employer</i> , the persons or organisations notify the <i>Project Manager</i> within two weeks of the Contract Date of the key person who has the authority to bind the <i>Contractor</i> on their behalf.
Z2.3	The <i>Contractor</i> does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the <i>Employer</i> having been given to the <i>Contractor</i> in writing.
<b>Z3</b>	<b>Change of Broad Based Black Economic Empowerment (B-BBEE) status</b>
Z3.1	Where a change in the <i>Contractor's</i> legal status, ownership or any other change to his business composition or business dealings results in a change to the <i>Contractor's</i> B-BBEE status, the <i>Contractor</i> notifies the <i>Employer</i> within seven days of the change.
Z3.2	The <i>Contractor</i> is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the <i>Project Manager</i> within thirty days of the notification or as otherwise instructed by the <i>Project Manager</i> .
Z3.3	Where, as a result, the <i>Contractor's</i> B-BBEE status has decreased since the Contract Date the <i>Employer</i> may either re-negotiate this contract or alternatively, terminate the <i>Contractor's</i> obligation to Provide the Works.
Z3.4	Failure by the <i>Contractor</i> to notify the <i>Employer</i> of a change in its B-BBEE status may constitute a reason for termination. If the <i>Employer</i> terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.
<b>Z4</b>	<b>Confidentiality</b>
Z4.1	The <i>Contractor</i> does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the <i>Contractor</i> , enters the public domain or to information which was already in the possession of the <i>Contractor</i> at the time of disclosure (evidenced by written records in existence at that time). Should the <i>Contractor</i> disclose information to Others in terms of clause 25.1, the <i>Contractor</i> ensures that the provisions of this clause are complied with by the recipient.
Z4.2	If the <i>Contractor</i> is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the <i>Project Manager</i> .
Z4.3	In the event that the <i>Contractor</i> is, at any time, required by law to disclose any such information which is required to be kept confidential, the <i>Contractor</i> , to the extent permitted by law prior to disclosure, notifies the <i>Employer</i> so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the <i>Contractor</i> may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
Z4.4	The taking of images (whether photographs, video footage or otherwise) of the <i>works</i> or any portion thereof, in the course of Providing the Works and after Completion, requires the prior

written consent of the *Project Manager*. All rights in and to all such images vests exclusively in the *Employer*.

Z4.5 The *Contractor* ensures that all his subcontractors abide by the undertakings in this clause.

## **Z5 Waiver and estoppel: Add to core clause 12.3:**

Z5.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Project Manager*, the *Supervisor*, or the *Adjudicator* does not constitute a waiver of rights and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

## **Z6 Health, safety and the environment: Add to core clause 27.4**

Z6.1 The *Contractor* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the execution of the *works*. Without limitation the *Contractor* accepts that the *Employer* may appoint him as the "Principal Contractor" (as defined and provided for under the Construction Regulations 2014 (promulgated under the Occupational Health & Safety Act 85 of 1993) ("the Construction Regulations") for the Site; warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with the Construction Regulations, all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of *works*; and undertakes, in and about the execution of the *works*, to comply with the Construction Regulations and with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Contractor's* direction and control, likewise observe and comply with the foregoing.

Z6.2 The *Contractor*, in and about the execution of the *works*, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Contractor's* direction and control, likewise observe and comply with the foregoing.

## **Z7 Provision of a Tax Invoice and interest. Add to core clause 51**

Z7.1 Within one week of receiving a payment certificate from the *Project Manager* in terms of core clause 51.1, the *Contractor* provides the *Employer* with a tax invoice in accordance with the *Employer's* procedures stated in the Works Information, showing the amount due for payment equal to that stated in the payment certificate.

Z7.2 If the *Contractor* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Employer* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Employer* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.

Z7.3 The *Contractor* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Employer's* VAT number 4740101508 on each invoice he submits for payment.

## **Z8 Notifying compensation events**

Z8.1 Delete from the last sentence in core clause 61.3, "unless the *Project Manager* should have notified the event to the *Contractor* but did not".

<b>Z9</b>	<b><i>Employer's limitation of liability</i></b>
Z9.1	The <i>Employer's</i> liability to the <i>Contractor</i> for the <i>Contractor's</i> indirect or consequential loss is limited to R0.00 (zero Rand)
Z9.2	The <i>Contractor's</i> entitlement under the indemnity in 83.1 is provided for in 60.1(14) and the <i>Employer's</i> liability under the indemnity is limited.
<b>Z10</b>	<b>Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":</b>
Z10.1	or had a business rescue order granted against it.
<b>Z11</b>	<b>Addition to secondary Option X7 Delay damages (if applicable in this contract)</b>
Z11.1	If the amount due for the <i>Contractor's</i> payment of delay damages reaches the limits stated in this Contract Data for Option X7 or Options X5 and X7 used together, the <i>Employer</i> may terminate the <i>Contractor's</i> obligation to Provide the Works using the same procedures and payment on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table.
<b>Z12</b>	<b>Ethics</b>
For the purposes of this Z-clause, the following definitions apply:	
<b>Affected Party</b>	means, as the context requires, any party, irrespective of whether it is the <i>Contractor</i> or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
<b>Coercive Action</b>	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
<b>Collusive Action</b>	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
<b>Committing Party</b>	means, as the context requires, the <i>Contractor</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractor or the Subcontractor's employees,
<b>Corrupt Action</b>	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
<b>Fraudulent Action</b>	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
<b>Obstructive Action</b>	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and
<b>Prohibited Action</b>	means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

Z12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z12.2 The *Employer* may terminate the *Contractor's* obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Contractor* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Employer* has. It is not required that the Committing Party had to have been found guilty, in court or in any other similar process, of such Prohibited Action before the *Employer* can terminate the *Contractor's* obligation to Provide the Services for this reason.

Z12.3 If the *Employer* terminates the *Contractor's* obligation to Provide the Services for this reason, the amounts due on termination are those intended in core clauses 92.1 and 92.2.

Z12.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Employer* does not have a contractual bond with the Committing Party, the *Contractor* ensures that the Committing Party co-operates fully with an investigation.

## **Z13 Insurance**

### **Z 13.1 Replace core clause 84 with the following:**

#### **Insurance 84 cover**

- 84.1** When requested by a Party, the other Party provides certificates from his insurer or broker stating that the insurances required by this contract are in force.
- 84.2** The *Contractor* provides the insurances stated in the Insurance Table A.
- 84.3** The insurances provide cover for events which are at the *Contractor's* risk from the *starting date* until the earlier of Completion and the date of the termination certificate.

**INSURANCE TABLE A**

Insurance against	Minimum amount of cover or minimum limit of indemnity
Loss of or damage to the works, Plant and Materials	The replacement cost where not covered by the <i>Employer's</i> insurance  The <i>Employer's</i> policy deductible, as at Contract Date, where covered by the <i>Employer's</i> insurance
Loss of or damage to Equipment	The replacement cost
Liability for loss of or damage to property (except the works, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i> ) caused by activity in connection with this contract	<u><b>Loss of or damage to property</b></u> <u><i>Employer's property</i></u> The replacement cost where not covered by the <i>Employer's</i> insurance  The <i>Employer's</i> policy deductible, as at Contract Date, where covered by the <i>Employer's</i> insurance  <u><i>Other property</i></u> The replacement cost

	<b><u>Bodily injury to or death of a person</u></b> The amount required by applicable law
Liability for death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

**Z 13.2****Replace core clause 87 with the following:**

The *Employer* provides the insurances stated in the Insurance Table B.

**INSURANCE TABLE B**

<b>Insurance against or name of policy</b>	<b>Minimum amount of cover or minimum limit of indemnity</b>
Assets All Risk	Per the insurance policy document
Contract Works insurance	Per the insurance policy document
Environmental Liability	Per the insurance policy document
General and Public Liability	Per the insurance policy document
Transportation (Marine)	Per the insurance policy document
Motor Fleet and Mobile Plant	Per the insurance policy document
Terrorism	Per the insurance policy document
Cyber Liability	Per the insurance policy document
Nuclear Material Damage and Business Interruption	Per the insurance policy document
Nuclear Material Damage Terrorism	Per the insurance policy document

**Z14 Nuclear Liability**

Z14.1 The *Employer* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa, and is the holder of a nuclear licence in respect of the KNPS.

Z14.2 The *Employer* is solely responsible for and indemnifies the *Contractor* or any other person against any and all liabilities which the *Contractor* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 44 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Contractor* or any other person or the presence of the *Contractor* or that person or any property of the *Contractor* or such person at or in the KNPS or on the KNPS site, without the permission of the *Employer* or of a person acting on behalf of the *Employer*.

Z14.3 Subject to clause Z14.4 below, the *Employer* waives all rights of recourse, arising from the aforesaid, save to the extent that any claims arise or liability is incurred due or attributable to the unlawful intent of the *Contractor* or any other person, or the presence of the *Contractor* or that person or any property of the *Contractor* or such person at or in the KNPS or on the KNPS site, without the permission of the *Employer* or of a person acting on behalf of the *Employer*.

Z14.4 The *Employer* does not waive its rights provided for in section 30 (7) of Act 44 of 1999, or any replacement section dealing with the same subject matter.

Z14.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

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## **Z15 Asbestos**

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For the purposes of this Z-clause, the following definitions apply:

<b>AAIA</b>	means approved asbestos inspection authority.
<b>ACM</b>	means asbestos containing materials.
<b>AL</b>	means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos fibres per ml of air measured over a 4 hour period. The value at which proactive actions is required in order to control asbestos exposure to prevent exceeding the OEL.
<b>Ambient Air</b>	means breathable air in area of work with specific reference to breathing zone, which is defined to be a virtual area within a radius of approximately 30cm from the nose inlet.
<b>Compliance Monitoring</b>	means compliance sampling used to assess whether or not the personal exposure of workers to regulated asbestos fibres is in compliance with the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
<b>OEL</b>	means occupational exposure limit.
<b>Parallel Measurements</b>	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.
<b>Safe Levels</b>	means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
<b>Standard</b>	means the <i>Employer's</i> Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.
<b>SANAS</b>	means the South African National Accreditation System.
<b>TW</b>	means the average exposure, within a given workplace, to airborne asbestos fibres, normalised to the baseline of a 4-hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

Z15.1 The *Employer* ensures that the Ambient Air in the area where the *Contractor* will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short-term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any 10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.

Z15.2 Upon written request by the *Contractor*, the *Employer* certifies that these conditions prevail. All measurements and reporting are effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Contractor* may perform Parallel Measurements and related control measures at the *Contractor's* expense. For the purposes of compliance the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.



Z15.3 The *Employer* manages asbestos and ACM according to the Standard.

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Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.

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Z15.5 The *Contractor's* personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.

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Z15.6 The *Contractor* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations, 2001.

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Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Employer* at the *Employer's* expense, and conducted in line with South African legislation.

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**Annexure B: Table of low service damages (X17)**

<b>Low Service Damage Description</b>	<b>Value of Low Service Damages</b>	<b>Limit of Low Service Damage</b>
- Service delaying the Outage Critical Path (Delaying other <i>Contractor(s)</i> from starting/completing their work)	- 1.5% of Task Order per day	- Limited to 10% of the Task Order value
- Service delays not finishing as per agreed upon Programme submitted to the <i>Service Manger</i>	- 1% of Task Order per day	- Limited to 10% of the Task Order value
- Submission of documents as per agreed upon CDSS in this <i>service agreement</i>	- 0.5% of Task Order per day	- Limited to 10% of the Task Order value
- Rework due to poor workmanship.	- 2% of Task Order per day	- Limited to 10% of the Task Order value
- Daily Progress Updated Programme	- 0.5% of Task Order per day	- Limited to 10% of Task Order Value
- No response of NCR within 3 days	- 1% of Task Order per day	- Limited to 10% of Task Order Value

## C1.2 Contract Data

### Part two - Data provided by the *Contractor*

Completion of the data in full, according to Options chosen, is essential to create a complete contract.

#### Notes to a tendering contractor:

1. Please read both the both the NEC3 Term Service Contract April 2013 and the relevant parts of its Guidance Notes (TSC3-GN)<sup>3</sup> in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data.
3. Data is required to be inserted in the relevant areas.

Clause	Statement	Data
10.1	The <i>Contractor</i> is (Name):	
	Address	
	Tel No.	
	Fax No.	
	E-mail address	
	<i>The fee percentages below are applicable to a compensation event. The accepted quotation amount will be invoiced plus this agreed percentage fee. If the direct fee and subcontractor fee is not completed, payment will be at accepted quotation value only without any fee.</i>	
11.2(8)	The <i>direct fee percentage</i> is	%
	The <i>subcontracted fee percentage</i> is	%
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the <i>Contractor's</i> plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The key people are:	
	1 Name:	
	Job:	
	Responsibilities:	
	Qualifications:	
	Experience:	

<sup>3</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 5391902 or [www.ecs.co.za](http://www.ecs.co.za)

	2	Name:	
		Job	
		Responsibilities:	
		Qualifications:	
		Experience:	
			<b>CV's (and further key person's data including CVs) are in.</b>
<b>A</b>		<b>Priced contract with price list</b>	
11.2(12)		The <i>price list</i> is in	
11.2(19)		The tendered total of the Prices is	<b>R</b>

**PART 2: PRICING DATA**  
**TSC3 Option A**

<b>Document reference</b>	<b>Title</b>	<b>No of pages</b>
C2.1	Pricing assumptions: Option A	2
C2.2	The <i>price list</i>	[•]

## C2.1 Pricing assumptions: Option A

### How work is priced and assessed for payment

Clause 11 in NEC3 Term Service Contract (TSC3) core clauses and Option A states:

<b>Identified and defined terms</b>	11 11.2	(12) The Price List is the <i>price list</i> unless later changed in accordance with this contract.  (17) The Price for Services Provided to Date is the total of <ul style="list-style-type: none"> <li>the Price for each lump sum item in the Price List which the <i>Contractor</i> has completed and</li> <li>where a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the <i>Contractor</i> has completed by the rate.</li> </ul> (19) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.
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This confirms that Option A is a priced contract where the Prices are derived from a list of items of service which can be priced as lump sums or as expected quantities of service multiplied by a rate or a mix of both.

### Function of the Price List

Clause 54.1 in Option A states: "Information in the Price List is not Service Information". This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Service in accordance with the Service Information". Hence the *Contractor* does **not** Provide the Service in accordance with the Price List. The Price List is only a pricing document.

### Link to the *Contractor's* plan

Clause 21.4 states "The *Contractor* provides information which shows how each item description on the Price List relates to the operations on each plan which he submits for acceptance". Hence when compiling the *price list*, the tendering contractor needs to develop his first clause 21.2 plan in such a way that operations shown on it can be priced in the *price list* and result in a satisfactory cash flow in terms of clause 11.2(17).

### Preparing the *price list*

Before preparing the *price list*, both the *Employer* and tendering contractors should read the TSC3 Guidance Notes pages 14 and 15. In an Option A contract, either Party may have entered items into the *price list* either as a process of offer and acceptance (tendering) or by negotiation depending on the nature of the service to be provided. Alternatively the *Employer*, in his Instructions to Tenderers or in a Tender Schedule, may have listed some items that he requires the *Contractor* to include in the *price list* to be prepared and priced by him.

It is assumed that in preparing or finalising the *price list* the *Contractor*:

- Has taken account of the guidance given in the TSC3 Guidance Notes relevant to Option A;
- Understands the function of the Price List and how work is priced and paid for;
- Is aware of the need to link operations shown in his plan to items shown in the Price List;
- Has listed and priced items in the *price list* which are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk;
- Has priced work he decides not to show as a separate item within the Prices or rates of other listed items in order to fulfil the obligation to complete the *service* for the tendered total of the Prices.
- Understands there is no adjustment to items priced as lump sums if the amount, or quantity, of work within that item later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the (lump sum) Prices is as a result of a compensation event.

### Format of the *price list*

(From the example given in an Appendix within the TSC3 Guidance Notes)

Entries in the first four columns in the *price list* in section C2.2 are made either by the *Employer* or the tendering contractor.

If the *Contractor* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering contractor enters the amount in the Price column only, the Unit, Expected Quantity and Rate columns being left blank.

If the *Contractor* is to be paid an amount for an item of work which is the rate for the work multiplied by the quantity completed, the tendering contractor enters the rate which is then multiplied by the Expected Quantity to produce the Price, which is also entered.

If the *Contractor* is to be paid a Price for an item proportional to the length of time for which a service is provided, a unit of time is stated in the Unit column and the expected length of time (as a quantity of the stated units of time) is stated in the Expected Quantity column.

## C2.2 the *price list*

Note: Minimum of Payment/Wage Rate Must Be In Line With Metal and Engineering Industries Bargaining Council (MEIBC) Rates

Section	Description	UOM	Quantity	Rate	Total
<b>100</b>	<b>PRELIMINARY AND GENERAL</b>				
101	Site Establishment	Sum	1		
102	Site De-establishment	Sum	1		
103	SHE BUDGET (INCLUDES PPE, Induction, She Plan, Fitness Certificates)	Per year	5		
104	Equipment for Consumables	Per Outage	15		
105	Transport during Outages (all employees)	Km	109 200		
106	Accommodation for Outage (core crew only)	Per Day	1 092		
				Sub-Total	
<b>200</b>	<b>NORMAL TIME</b>				
201	Site Manager	Hours	6 400		
202	Site Supervisor	Hours	12 800		
203	Fitter Trade tested Qualification	Hours	27 200		
204	Semi-skilled	Hours	27 200		
205	Boiler Maker Trade tested Qualification	Hours	18 880		
206	Welder Trade tested Qualification	Hours	23 040		
207	Labourers	Hours	52 160		
208	Time clerk	Hours	6 400		
209	Safety officer	Hours	6 400		
210	Planner Qualified in MS project and Primavera	Hours	6 400		
211	Fire watch/Safety Reps	Hours	10 560		
212	Quality Inspector	Hours	6 400		
213	Rigger Trade tested Qualification	Hours	10 560		
				Sub-Total	
<b>300</b>	<b>OVERTIME DURING WEEKDAYS</b>				
301	Site Manager	Hours	990		
302	Site Supervisor	Hours	990		
303	Fitter Trade tested Qualification	Hours	2 910		
304	Semi-skilled	Hours	2 910		
305	Boiler Maker Trade tested Qualification	Hours	2 910		
306	Welder Trade tested Qualification	Hours	3 550		
307	Labourers	Hours	8 030		
308	Time clerk	Hours	990		
309	Safety officer	Hours	990		
310	Planner Qualified in MS project and Primavera	Hours	990		
311	Fire watch/Safety Reps	Hours	1 630		
312	Quality Inspector	Hours	990		
313	Rigger Trade tested Qualification	Hours	1 630		
				Sub-Total	



Section	Description	Unit	Quantity	Rate	Total
<b>400</b>	<b>OVERTIME AND SATURDAYS</b>				
401	Site Manager	Hours	954		
402	Site Supervisor	Hours	954		
403	Fitter Trade tested Qualification	Hours	2 682		
404	Semi-skilled	Hours	2 682		
405	Boiler Maker Trade tested Qualification	Hours	2 682		
406	Welder Trade tested Qualification	Hours	3 258		
407	Labourers	Hours	7 290		
408	Time clerk	Hours	954		
409	Safety officer	Hours	954		
410	Planner Qualified in MS project and Primavera	Hours	954		
411	Fire watch/Safety Reps	Hours	1 530		
412	Quality Inspector	Hours	954		
413	Rigger Trade tested Qualification	Hours	1 530		
	Sub-Total				
<b>500</b>	<b>OVERTIME DURING SUNDAYS AND HOLIDAYS</b>				
501	Site Manager	Hours	954		
502	Site Supervisor	Hours	954		
503	Fitter Trade tested Qualification	Hours	2 682		
504	Semi-skilled	Hours	2 682		
505	Boiler Maker Trade tested Qualification	Hours	2 682		
506	Welder Trade tested Qualification	Hours	3 258		
507	Labourers	Hours	7 290		
508	Time clerk	Hours	954		
509	Safety officer	Hours	954		
510	Planner Qualified in MS project and Primavera	Hours	954		
511	Fire watch/Safety Reps	Hours	1 530		
512	Quality Inspector	Hours	954		
513	Rigger Trade tested Qualification	Hours	1 530		
	Sub-Total				
<b>600</b>	<b>SPARES</b>				
601	300NB Sched 40 Sluice Supply Hot Dip galvanised	m	1 500		
602	150NB Sched 40 mill reject manifold Hot Dip galvanised	m	3 600		
603	100NB Sched 40 Hopper Supply line Hot Dip galvanised	m	900		
604	80NB Sched 40 Back Spray supply line Hot Dip galvanised	m	2 100		
605	50NB Sched 40 Sluice way nozzles supply Hot Dip galvanised	m	4 500		
606	25NB Mild Steel 4- valve supply Hot Dip galvanised	m	2 250		
607	300NB flange SANS 1123 - 1000/3000 including Accessories	Each	380		
608	200NB flange SANS 1123 - 1000/3000 including Accessories	Each	360		

Section	Description	Unit	Quantity	Rate	Total
609	150 NB flange SANS 1123 - 1000/3000 including Accessories	Each	900		
610	100NB flange SANS 1123 - 1000/3000 including Accessories	Each	600		
611	80NB flange SANS 1123 - 1000/3000 including Accessories	Each	360		
612	300NB 90 degrees Elbow Hot Dip Galvanised	Each	80		
613	200NB90 degrees Elbow Hot Dip Galvanized	Each	80		
614	150NB 90 degrees Elbow Hot Dip Galvanised	Each	360		
615	80NB 90 degrees Elbow Hot Dip Galvanised	Each	330		
616	50NB 90 degrees Elbow Hot Dip Galvanised	Each	1 125		
617	300 NB T- Piece Sched 40 Hot Dip Galvanized	Each	60		
618	150 NB T- Piece Sched 40 Hot Dip Galvanized	Each	40		
619	Hopper Internal Doors	Each	60		
620	Ash Crusher Guards Galvanised - Top and Bottom	Each	60		
621	Ash Crusher V- Belt Guards Hot Dip Galvanised	Each	60		
622	Ash Pump Guards Hot Dip Galvanized- Top and Bottom Pulley	Each	60		
623	Sluice pump coupling guard	Each	60		
624	Hopper Cooling Coupling guard	Each	60		
625	Hopper Ash Discharge grizzly bars	Each	36		
626	200NB NRV - Hopper Cooling Line	Each	120		
	Sub-Total				
<b>700</b>	<b>EQUIPMENT / MACHINERY (WET RATES INCLUDING OPERATOR)</b>				
701	Vacuum Truck	Per Day	585		
702	High Pressure Machine (Minimum- 700bar)	Per Day	585		
703	10-ton truck with high up crane	Per Day	585		
704	Laser Alignment machine (Shaft size 25mm - 200mm) with Calibration Certificate.	Per Day	180		
	Sub-total				

Section	Description	Total
100	Preliminary & General	
200	Normal Time	
300	Overtime Weekdays	
400	Overtime Saturdays	
500	Overtime Sunday and Public Holidays	
600	Spares	
700	Equipment/Machinery (incl wet rate & operator)	
<b>TOTAL RAND VALUE EXCLUDING VAT &amp; CPA</b>		<b>R</b>

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

PART C3: SCOPE OF WORK

Document reference	Title	No of pages
	This cover page	1
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	Total number of pages	24

## C3.1: *EMPLOYER'S SERVICE INFORMATION*

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## SERVICE INFORMATION

### 1.1 *Employer's requirements for the service*

Task orders will be issued by the *Service Manager* on an "as and when" required basis. The liability of the *Employer* is limited to the total of the Prices stated in the specific Task Order and not the total Price stated in the Service Information. The *Employer* is not obliged to issue any Task Order to the *Contractor* despite the *Contractor* being awarded the contract.

The *Contractor* will be notified by the *Service Manager* a minimum a month in advance if he becomes aware of any Outage dates that is delayed with 2months or brought forward.

Outage Description	Estimated Planned Durations	Estimated No of Planned Outages over a period of 5 Years
MO (Major Outage)	+ - 58 days	TBC
GO (General Overhaul)	+ - 98 days	TBC

Emergency Task Orders may be given at any time by the *Service Manager* and different conditions needs to be adhered to as per 2.13 Management of work done by Task Order

Include any constraints about scaffolding, rigs, heavy lifts and cranes, including removal from the Affected Property.

- No equipment, lifted and/or the lifting machinery themselves may be left un-attended or stored underneath the voltage lines or at the HV yard.
- No un-qualified/Certificated person should carry out the rigging works without the supervision of the qualified and authorised person.
- All lifting equipment (Slings, U-bolts, shackles etc.) should be within working validity and certification

*Contractor* to adhere to the following documentation within the Service Information:

- ORHVS – Regulations – EPC – 32-846
- 36-681 Rev01 – Plant Safety Regulations
- RLR0037 – Management and control of the Declared Outage Permit
- Driven Machinery Regulations 1988
- Project Controls Requirements – 240-85065548

Electrical Installation Regulations to be adhered to, all electrical boards must be inspected and tested before connecting to a power supply and then a CoC must be issued by the CoC contractor on site. The *Contractor* to arrange with the Employer Service Manager to communicate with the CoC contractor.

### Detailed Scope of work

SUBSYSTEM		OVERHAUL					
COMPONENT ACTIVITIES						GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)	
	05-0*WW00	Unit Ash Plant System	Inspection and refurbishment			R	
	05-0*WW01 to 05-0*WW06	Ash Hopper Internal	Inspect, refurbish and replace	a) Manually clean hoppers to remove any clinkers and hard ash using shovels and thereafter using water from either floor washing or sluice water supply pumps b) Replace back spray nozzles and associated valves to unblock, clean, repair and replace them. c) Back spray hand wheel isolating valves and main supply pipe to back spray nozzles shall be replaced. d) HP clean and unblock the hopper overfilling pipeline by cutting open the top sealing canopy to allow water to drain e) Inspect, remove and replace the damaged liners inside the hoppers f) Inspect and refurbish the damaged hopper refractory inside ash hoppers g) Remove the refractory around the damaged ash hoppers and liners, 16 peephole door frame securing bolts and at any other parts of the hoppers h) Prepare the surface where the refractory has been removed to replace hopper refractory according to correct mixing specification i) Replace the (16 off) peep doors size 450mm x 250mm high with new doors and repair their supporting structure. Doors not closing; all the broken doors to be replaced on GO before unit return to service. In the event of the Contractor not getting access to these doors for repairs the doors must be HP cleaned j) Reinstall refractory support anchors by welding them onto the structure according to the welding procedure (section 3.4 of this document)		Refer to QCP for final intervention points	

SUBSYSTEM		OVERHAUL					
		COMPONENT ACTIVITIES				GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)	
				k) Replace or repair all damaged inner ash hopper doors including replacement of all the door seals l) Door frame studs, fastening nuts must be on hopper inside and welded according to the welding procedure (section 3.5 of this document) m) Reinststate the hopper inner door restricting pin to prevent door from falling. Refurbish ash hopper door guides such that they can operate without restrictions or getting stuck n) De-scale, clean and refurbish all the ash hopper door frames o) Replace all swivel bolts and nuts with new units. Frames must be marked before removal (to be re-installed in original positions) p) Repair ash hoppers external door boxes, including hinges and closing hatches q) Carry out repairs on the hopper around access doors at 2m level and renew packing (2 off)		H	
	05-0*WW01 to 05-0*WW06	Ash Hoppers Top	Clean and repair	a) Connect the pipeline with isolating valve from sluice water supply in front of boiler onto the sealing trough valve system for boiler sealing trough cleaning b) Break all refractory on the inside from the 45 degree plate up to the bottom of the I-beam c) Inspect all supports on front and rear wall. If necessary, install new supports every 850mm. (please note the current supports is every 1700mm) d) Use 12mm Carbon steel plates and 55 X 12mm Flat bar for supports. e) Install supports according to drawing for refractory support by welding them onto the internal plate structure at 200mm intervals. f) Inspect and if necessary, cut and remove plate approximately 25m x 1m inwards the corroded ash hopper section plates across the entire boiler ring below sealing trough		H	

SUBSYSTEM		OVERHAUL					
COMPONENT ACTIVITIES						GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)	
				<div>g) Install ONLY the ash hopper water inlet that is currently used (blank-off other inlets can be left out)</div> <div>h) Fill sealing trough with water to test and find all water leaks.</div> <div>i) Repair all identified water leaks and ensure the sealing trough is watertight.</div> <div>j) If sealing trough is tight drain and dry the inner side of sealing trough.</div> <div>k) Drill holes in the middle of current holes to fit a 10mm bolt (cover plate and sealing trough)</div> <div>l) Make sure that the cover plate and the part of the sealing trough where the cover plate attached to is not bended and perfectly straight for proper sealing.</div> <div>m) Apply refractory inside ash hoppers</div> <div>n) Remove and replace sealing trough drain 2x valves and 2x pipework around the sealing trough external</div> <div>o) Corrosion coat the whole surface area of the newly installed plate work and adjacent parts with Pro-Struct's 620 epoxy tar high build solvent free anti-corrosive coating</div>			
	05-0*WW01 to 05-0*W06	Ash Hoppers Bottom	Clean, refurbish and repair	<div>a) Manually descale and clean all the six ash hoppers door frames</div> <div>b) Repair/replace the external door boxes, including hinges and closing hatches (plan for 3)</div> <div>c) Door frame fastening nuts must be on hopper inside and welded according to the welding procedure (section 3.5 of this document)</div> <div>d) Replace ash hopper door guides such that they can operate without restrictions or getting stuck</div> <div>e) Replace all swivel bolts and nuts with new units. Frames must be marked before removal (to be re-installed in original positions)</div> <div>f) Replace all ash hopper inner doors seals, retaining pins and hydraulic cylinders move the point to hopper internal section</div>		H	



SUBSYSTEM		OVERHAUL					
		COMPONENT ACTIVITIES				GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)	
				g) All the bolts and nuts to be used must be galvanized h) Open the ash trenches, clean and close on work completion i) Remove, unblock and replace the sluiceway spray nozzles and associated valves j) Replace the hopper grizzly-bars in front of the ash hoppers k) Manually clean and descale the ash hopper trench in front of boiler hoppers l) Manually clean and descale the main ash sluiceway trenches that discharge into ash crushers. m) Replace/repair the sluiceway concrete damages and reposition, align and secure loose steel liners			
	05-0*WW01 to 05-0*WW06	Sluice ways gratings	Repairs of sluiceway grating covers and supporting structures	a) Barricade and remove the ash plant grating covers, main sluiceways, all pump bays, front of boiler hoppers until ash crushers. b) All gratings covers support channels to be removed and disposed onsite into relevant skip bins c) The concrete supports to be exposed, cleaned and repaired according to the provided specification details for new channels and gratings (to be attached to this scope) add more details and attach only the drawings d) The Contractor to adhere to suggested repairs sizes and not modify the plant (remove and add under general) e) The Employer shall ensure that the selected Contractor is qualified and has civil construction experience remove and add under general and also check if the concrete 30MPa strength is specified.		H	
	05-0*WW10	Ash Sump		a) High pressure clean and de-scale (manually or suitable means), the main ash sumps, sump opening, ash crushers bay, ash pumps bay including bilge pump sump. Ash sump to be cleaned to the concrete floor level.			

SUBSYSTEM		OVERHAUL				
COMPONENT ACTIVITIES					GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)
				<div>b) Provision to be made for continuous vacuum truck of ash water accumulating in the sump whilst cleaning.</div> <div>c) Remove and replace with new the ash sump agitating nozzles and pipeline inside the sumps.</div> <div>d) Repair or replace if damaged the sump level indicators and peer balls pipeline</div> <div>e) Prepare the ash sump wall as per Appendix C sketch for breaking of the wall to replace suction pipelines for pump A and B</div> <div>f) Eskom will provide cast iron suction lines (refer to <i>drawing 0.45/ 55546</i> sheet 1 to 6)</div> <div>g) To replace 2x suction pipelines which runs through concrete wall, the <i>Contractor</i> must trim 1m X 1m perimeter around the pipe by cutting the concrete not more than 20mm with a baby grinder. Trim to prevent further cracking during breaking of the wall</div> <div>h) The <i>Contractor</i> is to take caution not cut the existing reinforcement. The <i>Contractor</i> shall use suitable equipment (i.e. jack hammer with sharp end) that shall enable him to break the 1m X 1m concrete around the pipe. Caution by the <i>Contractor</i> is emphasised to ensure the impact from the breaking equipment doesn't affect the whole wall.</div> <div>i) The broken concrete shall be removed and the existing steel shall be clean with a steel wire brush until all the concrete laitance is removed.</div> <div>j) The contractor is to ensure the construction joint is as per SANS 2001 CC1 by exposing the concrete aggregate uniformly. The join shall be blown clean and kept wet.</div> <div>k) The <i>Contractor</i> then position the cast in item and reinforce the area around the pipe by fixing (weld on existing steel) diagonal bars (same size as existing) 50 mm away from the pipe.</div> <div>l) The <i>Contractor</i> shall align the suction pipeline</div>		H

SUBSYSTEM		OVERHAUL					
COMPONENT ACTIVITIES						GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)	
				<p>properly before casting of the concrete</p> <p>m) Once all steelwork is fixed the <i>Contractor</i> shall install formwork (formwork to be treated with shutter oil to ensure easy removal at a later stage) around the opening and shall ensure the formwork is water tight and a 1m wide opening shall be provide for access for concrete and compacting of the concrete (small poker shall be used).</p> <p>n) The opening shall be at least 100 mm above the perimeter to ensure concrete bonds with the top construction joint.</p> <p>o) The <i>Contractor</i> shall strip the formwork and cut off the 100 mm overcast and smoothen the surface with a floating machine or rubbing stone.</p> <p>p) Reinforcement size can be obtained from the Ash sump reinforcement drawing. All concrete shall be 30/19 MPa curing strength after 28 days.</p> <p>q) After cleaning the bilge sump reinstate supports and covers with new L-channels and install gratings. Where necessary concrete repairs will be done.</p>			
		Pipelines	Replace	<p>a) The <i>Contractor</i> is responsible for removal of old pipe work and associated components, fabrication, supply and installation of new pipe work (scaffolding required) precip</p> <p>b) Replace effluent supply pipe from manifold at precip road and CW pipeline from the sub-basement wall to ash plant that interconnects</p> <p>c) hopper cooling water supply pipeline reticulation up to the boiler front at 2m level system to be replaced</p> <p>d) Buried floor washing pipework the tap off point at the turbine house trench, around the boiler to the supply points to ash hopper inner doors hydraulic cylinders to be replaced</p> <p>e) All pipework, flanges and bends work must be hot deep galvanized according to 36-1126 and 36-1127</p>		H	

SUBSYSTEM		OVERHAUL					
		COMPONENT ACTIVITIES				GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)	
				f) Remove and reposition sluice pumps isolating valves on suction side from the pump to the bend. g) Supply and install the sluice water supply pipework from the pumps into the bilge sump area including the valves h) Replace the bilge pump pipeline into main sump and non-return valves			
	05 - WW05 -02	Ash Pumps & motors	Overhauls/Repairs /Replace based on the condition and availability	The pumps are to be inspected in position/removed repaired and reinstalled based on the pump inspection report and word scheduled by the system engineer  The generic works include a) Ash pumps assembly b) Sluice pumps assembly c) Ash crushers assembly d) Hopper cooling pumps e) Bilge pump f) Replace /service ash plant motors g) Replace/service the ash plant couplings h) Replace/service hopper filing pumps i) Repair/replace all non-working pressure gauges j) Perform Pump alignment and provide report k) Commissioning of ash plant should be part of the scope of works l) Vibration report and alignment report to be provided as part of plant commissioning			
<b>Equipment and goods to be supplied by Contractor</b> The Contractor is responsible for supplying all equipment tools and material necessary to carry out the Works including commissioning. Items to be supplied are all equipment and materials, which are to be incorporated into, or consumed in carrying out of works.							
<b>Defects Management</b> Management of defects period will be 52 weeks from date of completion and responds time to a defect will be 3 working days. To minimize the defects Quality Control Plan will be developed and approved by Engineer which will be used throughout the Contract duration as per Quality requirements detailed earlier in this scope.							
<b>Commissioning</b>							

SUBSYSTEM		OVERHAUL				
COMPONENT ACTIVITIES					GOVERNING DOCUMENTS	
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	ACTIVITY TYPE	WORK SPECIFICATIONS	CHECK SHEET NO.	INTERVENTI ON POINTS (H/W/R)
Cold commissioning of each system will be done upon sectional completion including all the closing, opening and pressure tests where applicable. The system commissioning will be considered complete, once the system is hot commissioned whilst the unit is running.						

## Scope of work for the Ash Plant and related components

Strip, inspect and issue inspection reports where applicable remove, refurbish, manufacture and reinstate ash plant related components at Kriel Power station.

### 1.2.1 Sluice pumps

- Disassembly, overhaul and assemble back on the plant the sluice pumps
- Disassembly shall include but not limited to removal from plant, loosening bolts and screws to disintegrate pumps, removal of parts and ensuring that non-destructive tests are carried out to confirm condition before reuses of parts.
- Inspection and analysis report to be submitted as soon as the stripping is done to the Employer's which will be discussed with engineer for scrutinizing and acceptance, which shall be subjected to site inspection in case where external workshop is used instead of Eskom workshop.
- The contractor shall use only APE OEM's approved parts for refurbishment of the pumps to an acceptable level.
- Quality control plan to be submitted before any work for repairs can commence and approval obtained from the responsible engineer.

### 1.2.2 Ash Pumps

- Disassemble, overhaul and assemble back on plant the (Denver Orion) Metso Ash pumps
- The contractor to submit the inspection and analysis report as soon as the stripping is complete to the Employer for scrutinizing and acceptance by engineer, which shall be subjected to site inspection in case where external workshop is used instead of Eskom workshop.
- Disassembly shall include but not limited to removal from plant, loosening bolts and screws to disintegrate pumps, removal of parts and ensuring that non-destructive tests are carried out to confirm condition before reuses of parts.
- The contractor who will be performing the work shall use only Original equipment manufacturers spares from Metso mineral or better. Proof will be required
- Quality control plan to be submitted once the agreement for repairs is reached, before any actual repairs can commence and approval obtained from Employers responsible engineer.

### 1.2.3 Ash crushers

- Remove, overhaul and replace ash crusher inlet gates to good operational level
- Remove overhaul and replace the ash crusher isolating valves to good operational level
- Remove the ash crusher from position and overhaul at workshop
- The ash crushers to be overhauled following the OEM's instructions.
- The contractor shall use only OEM approved spares to overhaul the equipment. Proof will be required
- Inspect and repair the ash crusher bases foundations
- Professional civil engineer to be used for inspections, reporting and remedial work supervision of bases

**NB: All the works that will be performed offsite are subject to approval by the Employer and provision must be made for inspection approval as per quality control plan requirements.**

### 1.2.4 Fabricate, Install and Welding

Eskom procedure: 240-72273656; to be consulted to determine system classification level then followed by Welding Rulebook to establish appropriate quality requirements from the applicable application specific Welding standard such as 36-775 for Control of Plant Erection, Repair and Maintenance welding activities. Personnel competencies involved in welding activities and related quality management requirements are to be found in the Eskom standard referenced in the Welding Rulebook.

All welds to be continuous fillet welds full penetration butt weld, changes to fillet will be affected according to material thickness.

- Onsite measurements are to be taken prior to any offsite fabrication of pipes is done
- The weld shall have a minimum yield stress and minimum tensile stress at least equal that of the parent material.
- Welding electrodes shall comply with the applicable requirements of SANS 455 or such other standard
- Welding techniques shall be such as to prevent undue distortion and minimize shrinkage stresses.
- All welds shall be visually inspected to identify any flaws for re-weld; where there are slag and spatter they shall be removed.
- The Weld connection of old and new beams shall ensure a minimum safety factor of 10, hence for 300WA Steel which has a minimum yield strength of 300 MPa and at a maximum working stress of 30 MPa , the weld strength shall exceed 300MPa
- The weld shall have a minimum yield stress and minimum tensile stress at least equal that of the parent material
- All aspects of welding shall be in accordance with the AWS (American Society of D1.1 Structural Welding Code Steel (Ref. 13) or BS 2971 of 1991
- All the welds shall be checked for defects using a penetration flaw detection method conforming to BS EN 571-1 of 1997 "Non-destructive testing – Penetrant testing", under employer's supervision
- Contractor must submit a welding procedure for Carbon steel and proof of welder's qualification before the start of the work.
- Welding shall be done under clean and protected conditions

**Materials to be fabricated, welded, and installed:**

- 300NB Sched 40 Sluice Supply Hot Dip galvanised
- 150NB Sched 40 mill reject manifold Hot Dip galvanised
- 200NB Sched 40 Hopper Supply line Hot Dip galvanised
- 80NB Sched 40 Back Spray supply line Hot Dip galvanised
- 50NB Sched 40 Sluice way nozzles supply Hot Dip galvanised
- 25NB Mild Steel 4- valve supply Hot Dip galvanised
- 300NB flange SANS 1123 - 1000/3000
- 150 NB flange SANS 1123 - 1000/3000
- 100NB flange SANS 1123 - 1000/3000
- 80NB flange SANS 1123 - 1000/3000
- 300NB 90 degrees Elbow Hot Dip Galvanised including Accessories
- 200NB90 degrees Elbow Hot Dip Galvanized including Accessories
- 150NB 90 degrees Elbow Hot Dip Galvanised including Accessories
- 80NB 90 degrees Elbow Hot Dip Galvanised Including Accessories
- 50NB 90 degrees Elbow Hot Dip Galvanised Including Accessories
- 300 NB T- Piece Sched 40 Hot Dip Galvanized
- 150 NB T- Piece Sched 40 Hot Dip Galvanized
- Hopper Internal Doors
- Ash Crusher Guards - Top and Bottom
- Ash Crusher V- Belt Guards
- Ash Pump Guards Top and Bottom Pulley
- Sluice pump coupling guard
- Hopper Cooling Coupling guard
- Hopper Ash Discharge grizzly bars

**Execution of Outage Work PM's:**

Bottom Ash Removal	05-00WW46S501	BLR 1 MAIN ASH LINE X-OVER TO LINE 2 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S501-A01	BLR 1 ASH LINE X-OVER TO LINE 2 IV L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S502	BLR 1 MAIN ASH LINE IV BEF X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S502-A01	BLR 1 MN ASH LINE IV BEF X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S503	BLR 2 ASH LINE X-OVER TO LINE 1 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S503-A01	BLR 2 ASH LINE X-OVER TO LINE 1 IV L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S504	BLR 1 MAIN ASH LINE IV AFTER X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW46S504-A01	BLR 1 MN ASH LINE IV AFT X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW49S401	BLR 2 MAIN ASH LINE VENT VALVE	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW49S502	BLR 2 MAIN ASH LINE IV BEF X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW49S502-A01	BLR 2 MN ASH LINE IV BEF X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW49S504	BLR 2 MAIN ASH LINE IV AFTER X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW49S504-A01	BLR 2 MN ASH LINE IV AFT X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S401	BLR 3 MAIN ASH LINE VENT VALVE	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S501	BLR 3 MAIN ASH LINE X-OVER TO LINE 4 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S501-A01	BLR 3 ASH LINE X-OVER TO LINE 4 IV L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S502	BLR 3 MAIN ASH LINE IV BEF X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S502-A01	BLR 3 MN ASH LINE IV BEF X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S503	BLR 4 ASH LINE X-OVER TO LINE 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S503-A01	BLR 4 ASH LINE X-OVER TO LINE 3 IV L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S504	BLR 3 MAIN ASH LINE IV AFTER X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW52S504-A01	BLR 3 MN ASH LINE IV AFT X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW53S552	U5 ASH LINE TO DAMS 2 & 3 IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW55S401	BLR 4 MAIN ASH LINE VENT VALVE	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW55S502	BLR 4 MAIN ASH LINE IV BEF X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW55S502-A01	BLR 4 MN ASH LINE IV BEF X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW55S504	BLR 4 MAIN ASH LINE IV AFTER X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW55S504-A01	BLR 4 MN ASH LINE IV AFT X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO



Bottom Ash Removal	05-00WW58S401	BLR 5 MAIN ASH LINE VENT VALVE	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S501	BLR 5 MAIN ASH LINE X-OVER TO LINE 6 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S501-A01	BLR 5 ASH LINE X-OVER TO LINE 6 IV L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S502	BLR 5 MAIN ASH LINE IV BEF X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S502-A01	BLR 5 MN ASH LINE IV BEF X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S503	BLR 6 ASH LINE X-OVER TO LINE 5 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S503-A01	BLR 6 ASH LINE X-OVER TO LINE 5 IV L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S504	BLR 5 MAIN ASH LINE IV AFTER X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW58S504-A01	BLR 5 MN ASH LINE IV AFT X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW61S401	BLR 6 MAIN ASH LINE VENT VALVE	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW61S502	BLR 6 MAIN ASH LINE IV BEF X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW61S502-A01	BLR 6 MN ASH LINE IV BEF X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW61S504	BLR 6 MAIN ASH LINE IV AFTER X-OVER V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW61S504-A01	BLR 6 MN ASH LINE IV AFT X-OVER V/V L/SW	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S511	U1 ASH LINE TO DAMS 2 & 3 IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S512	U1 ASH LINE TO DAMS 2 & 3 IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S521	U2 ASH LINE TO DAMS 2 & 3 IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S522	U1 ASH LINE TO DAMS 2 & 3 IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S531	U3 ASH LINE TO DAMS 2 & 3 IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S532	U3 ASH LINE TO DAMS 2 & 3 IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S541	U4 ASH LINE TO DAMS 2 & 3 IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S542	U4 ASH LINE TO DAMS 2 & 3 IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S551	U5 ASH LINE TO DAMS 2 & 3 IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S552	U5 ASH LINE TO DAMS 2 & 3 IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S561	U6 ASH LINE TO DAMS 2 & 3 IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW71S562	U6 ASH LINE TO DAMS 2 & 3 IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S522	U2 ASH LINE TO DAMS 2 & 3 IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S523	U1 ASH LINE TO DAMS 2 & 3 IV E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S530	U3 ASH LINE TO DAMS 2 & 3 X/OVER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S541	U4 ASH LINE TO DAMS 2 & 3 X/OVER IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-00WW72S542	U4 ASH LINE TO DAMS 2 & 3 IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S543	U4 ASH LINE TO DAMS 2 & 3 IV E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S550	U5 ASH LINE TO DAMS 2 & 3 X/OVER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S561	U6 ASH LINE TO DAMS 2 & 3 X/OVER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S562	U6 ASH LINE TO DAMS 2 & 3 IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW72S563	U6 ASH LINE TO DAMS 2 & 3 IV E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S511	U1 ASH LINE TO DAMS 2 & 3 IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S512	U1 ASH LINE TO DAMS 2 & 3 IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S520	U2 ASH LINE TO DAMS 2 & 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S531	U3 ASH LINE TO DAMS 2 & 3 IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S532	U3 ASH LINE TO DAMS 2 & 3 IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S540	U4 ASH LINE TO DAMS 2 & 3 IV TO	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S551	U5 ASH LINE TO DAMS 2 & 3 IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW73S560	U6 ASH LINE TO DAMS 2 & 3 IV TO	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW74S510	U1 ASH LINE TO DAMS 2 ISOLATING VALVE	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW74S520	U2 ASH LINE TO DAMS 2 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW74S530	U3 ASH LINE TO DAMS 2 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW74S540	U4 ASH LINE TO DAMS 2 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW74S550	U5 ASH LINE TO DAM 2 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW74S560	U6 ASH LINE TO DAM 2 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW75S510	U1 ASH LINE TO DAMS 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW75S520	U2 ASH LINE TO DAMS 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW75S530	U3 ASH LINE TO DAM 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW75S540	U4 ASH LINE TO DAM 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW75S550	U5 ASH LINE TO DAM 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-00WW75S560	OUTSIDE ASH LINE TO DAM 3 IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S401	BLR SEAL O/FLOW TROUGH IV FRONT A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S402	BLR SEAL O/FLOW TROUGH IV FRONT B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S403	BLR SEAL O/FLOW TROUGH IV FRONT C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S404	BLR SEAL O/FLOW TROUGH IV FRONT D	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-01WW01S405	BLR SEAL O/FLOW TROUGH IV FRONT E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S406	BLR SEAL O/FLOW TROUGH IV FRONT F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S407	BLR SEAL TROUGH ASH HOPR O/FLOW DV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S408	BLR SEAL TROUGH ASH HOPR O/FLOW DV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW01S409	BLR SEAL TROUGH ASH HOPR O/FLOW DV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW02S501	ASH HOPPER SPRAY WATER NOZZLE LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW02S502	ASH HOPPER SPRAY WATER NOZZLE RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S401	BOILER SEALING TROUGH DRN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S402	BOILER SEALING TROUGH DRN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S403	BOILER SEALING TROUGH DRN V/V C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S404	BOILER SEALING TROUGH DRN V/V D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S405	BOILER SEALING TROUGH DRN V/V E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S406	BOILER SEALING TROUGH DRN V/V F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S407	BOILER SEALING TROUGH DRN V/V G	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S408	BOILER SEALING TROUGH DRN V/V H	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S501	BLR SEALING TROUGH FILLING LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW03S502	BLR SEALING TROUGH FILLING RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW04S501	ASH HOPPER SPRAY NOZZLE LH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW04S502	ASH HOPPER SPRAY NOZZLE RH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW05S501	FLR WASH TO ASH HPR DR'S HOSE CONN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW05S502	FLR WASH TO ASH HPR DR'S HOSE CONN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW05S503	FLR WASH TO ASH HPR DOORS IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW05S504	FLR WASH TO ASH HPR DOORS IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW06S501	SLUICE WTR TO ASH HPR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW06S502	SLUICE WTR TO ASH HPR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW07S501	HOPPER CLG WTR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW07S502	HOPPER CLG WTR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S501	ASH PLT EFFLUENT SUPL MAIN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S502	SLUICE PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S503	SLUICE PUMP A DISCH IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-01WW10S504	SLUICE PUMP A FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S505	SLUICE PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S506	SLUICE PUMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S507	SLUICE PUMP B FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S509	SLUICE WTR LH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S510	SLUICE WTR RH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S511	SLUICEWAY NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S512	SLUICEWAY NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S513	SLUICEWAY NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S514	SLUICEWAY NOZZLE IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S517	ASH SUMP AGITATING NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S518	ASH PMP BILGE SMP AGIT NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S519	ASH PMP BILGE SMP AGIT NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S520	ASH PUMP BILGE SUMP HOSE CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S521	ASH PUMP BILGE SUMP AGIT NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S522	ASH PMP BILGE SMP AGIT NOZZLE SPL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S523	ASH HPR 1 DOOR CYL NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S524	ASH HOPPER 1 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S525	ASH HOPPER 1 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW10S526	ASH HOPPER 1 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW11S501	ASH SUMP EFFLUENT FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW11S502	ASH SUMP AWR FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S401	ASH HOPPER CLG PMP A STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S402	ASH HOPPER CLG PMP B STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S501	ASH HOPPER CLG PMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S502	ASH HOPPER CLG PMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S503	ASH HOPPER CLG PMP A STNR OUTLET V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S504	ASH HOPPER CLG PMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S505	ASH HOPPER CLG PMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S506	ASH HPR CLG PMP B STNR OUTL IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-01WW20S507	ASH SUMP CW MAKE UP IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S521	ASH HOPPER 2 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S522	ASH HOPPER 2 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S523	ASH HOPPER 2 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S524	ASH HOPPER 2 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S525	ASH HOPPER 2 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW20S526	ASH HOPPER 2 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S501	ASH PUMP S/WTR PMP A CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S505	ASH PMP S/WTR PMP B CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S521	ASH HOPPER 3 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S522	ASH HOPPER 3 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S523	ASH HOPPER 3 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S524	ASH HOPPER 3 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S525	ASH HOPPER 3 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW30S526	ASH HOPPER 3 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW40S521	ASH HOPPER 4 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW40S522	ASH HOPPER 4 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW40S523	ASH HOPPER 4 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW40S524	ASH HOPPER 4 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW40S525	ASH HOPPER 4 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW40S526	ASH HOPPER 4 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S503	ASH PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S505	ASH PUMP A DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S505-A01	ASH SECTION LINE A ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S506	ASH PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S508	ASH PUMP B DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S508-A01	ASH SECTION LINE B ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S521	ASH HOPPER 5 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S522	ASH HOPPER 5 DOOR JET NOXXLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S523	ASH HOPPER 5 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-01WW50S524	ASH HOPPER 5 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S525	ASH HOPPER 5 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW50S526	ASH HOPPER 5 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW60S521	ASH HOPPER 6 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW60S522	ASH HOPPER 6 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW60S523	ASH HOPPER 6 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW60S524	ASH HOPPER 6 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW60S525	ASH HOPPER 6 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WW60S526	ASH HOPPER 6 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S401	BLR SEAL O/FLOW TROUGH IV FRONT A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S402	BLR SEAL O/FLOW TROUGH IV FRONT B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S403	BLR SEAL O/FLOW TROUGH IV FRONT C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S404	BLR SEAL O/FLOW TROUGH IV FRONT D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S405	BLR SEAL O/FLOW TROUGH IV FRONT E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S406	BLR SEAL O/FLOW TROUGH IV FRONT F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S407	BLR SEAL TROUGH ASH HOPR O/FLOW DV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S408	BLR SEAL TROUGH ASH HOPR O/FLOW DV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW01S409	BLR SEAL TROUGH ASH HOPR O/FLOW DV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW02S501	ASH HOPPER SPRAY WATER NOZZLE LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW02S502	ASH HOPPER SPRAY WATER NOZZLE RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S401	BOILER SEALING TROUGH DRN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S402	BOILER SEALING TROUGH DRN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S403	BOILER SEALING TROUGH DRN V/V C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S404	BOILER SEALING TROUGH DRN V/V D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S405	BOILER SEALING TROUGH DRN V/V E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S406	BOILER SEALING TROUGH DRN V/V F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S407	BOILER SEALING TROUGH DRN V/V G	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S408	BOILER SEALING TROUGH DRN V/V H	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S501	BLR SEALING TROUGH FILLING LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW03S502	BLR SEALING TROUGH FILLING RH IV	Valves - Gate	Internal inspection	GO



Bottom Ash Removal	05-02WW04S501	ASH HOPPER SPRAY NOZZLE LH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW04S502	ASH HOPPER SPRAY NOZZLE RH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW05S501	FLR WASH TO ASH HPR DR'S HOSE CONN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW05S502	FLR WASH TO ASH HPR DR'S HOSE CONN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW05S503	FLR WASH TO ASH HPR DOORS IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW05S504	FLR WASH TO ASH HPR DOORS IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW06S501	SLUICE WTR TO ASH HPR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW06S502	SLUICE WTR TO ASH HPR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW07S501	HOPPER CLG WTR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW07S502	HOPPER CLG WTR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S501	ASH PLT EFFLUENT SUPL MAIN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S502	SLUICE PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S503	SLUICE PUMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S504	SLUICE PUMP A FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S505	SLUICE PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S506	SLUICE PUMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S507	SLUICE PUMP B FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S509	SLUICE WTR LH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S510	SLUICE WTR RH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S511	SLUICEWAY NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S512	SLUICEWAY NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S513	SLUICEWAY NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S514	SLUICEWAY NOZZLE IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S517	ASH SUMP AGITATING NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S518	ASH PMP BILGE SMP AGIT NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S519	ASH PMP BILGE SMP AGIT NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S520	ASH PUMP BILGE SUMP HOSE CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S521	ASH PUMP BILGE SUMP AGIT NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S522	ASH PMP BILGE SMP AGIT NOZZLE SPL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S523	ASH HPR 1 DOOR CYL NOZZLE IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-02WW10S524	ASH HOPPER 1 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S525	ASH HOPPER 1 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW10S526	ASH HOPPER 1 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW11S501	ASH SUMP EFFLUENT FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW11S502	ASH SUMP AWR FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S401	ASH HOPPER CLG PMP A STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S402	ASH HOPPER CLG PMP B STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S501	ASH HOPPER CLG PMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S502	ASH HOPPER CLG PMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S503	ASH HOPPER CLG PMP A STNR OUTLET V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S504	ASH HOPPER CLG PMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S505	ASH HOPPER CLG PMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S506	ASH HPR CLG PMP B STNR OUTL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S507	ASH SUMP CW MAKE UP IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S521	ASH HOPPER 2 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S522	ASH HOPPER 2 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S523	ASH HOPPER 2 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S524	ASH HOPPER 2 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S525	ASH HOPPER 2 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW20S526	ASH HOPPER 2 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S501	ASH PUMP S/WTR PMP A CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S505	ASH PMP S/WTR PMP B CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S521	ASH HOPPER 3 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S522	ASH HOPPER 3 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S523	ASH HOPPER 3 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S524	ASH HOPPER 3 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S525	ASH HOPPER 3 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW30S526	ASH HOPPER 3 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW40S521	ASH HOPPER 4 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW40S522	ASH HOPPER 4 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO



Bottom Ash Removal	05-02WW40S523	ASH HOPPER 4 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW40S524	ASH HOPPER 4 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW40S525	ASH HOPPER 4 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW40S526	ASH HOPPER 4 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S503	ASH PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S505	ASH PUMP A DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S505-A01	ASH SECTION LINE A ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S506	ASH PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S508	ASH PUMP B DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S508-A01	ASH SECTION LINE B ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S521	ASH HOPPER 5 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S522	ASH HOPPER 5 DOOR JET NOXXLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S523	ASH HOPPER 5 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S524	ASH HOPPER 5 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S525	ASH HOPPER 5 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW50S526	ASH HOPPER 5 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW60S521	ASH HOPPER 6 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW60S522	ASH HOPPER 6 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW60S523	ASH HOPPER 6 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW60S524	ASH HOPPER 6 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW60S525	ASH HOPPER 6 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-02WW60S526	ASH HOPPER 6 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S401	BLR SEAL O/FLOW TROUGH IV FRONT A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S402	BLR SEAL O/FLOW TROUGH IV FRONT B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S403	BLR SEAL O/FLOW TROUGH IV FRONT C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S404	BLR SEAL O/FLOW TROUGH IV FRONT D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S405	BLR SEAL O/FLOW TROUGH IV FRONT E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S406	BLR SEAL O/FLOW TROUGH IV FRONT F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S407	BLR SEAL TROUGH ASH HOPR O/FLOW DV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW01S408	BLR SEAL TROUGH ASH HOPR O/FLOW DV B	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-03WW01S409	BLR SEAL TROUGH ASH HOPR O/FLOW DV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW02S501	ASH HOPPER SPRAY WATER NOZZLE LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW02S502	ASH HOPPER SPRAY WATER NOZZLE RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S401	BOILER SEALING TROUGH DRN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S402	BOILER SEALING TROUGH DRN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S403	BOILER SEALING TROUGH DRN V/V C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S404	BOILER SEALING TROUGH DRN V/V D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S405	BOILER SEALING TROUGH DRN V/V E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S406	BOILER SEALING TROUGH DRN V/V F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S407	BOILER SEALING TROUGH DRN V/V G	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S408	BOILER SEALING TROUGH DRN V/V H	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S501	BLR SEALING TROUGH FILLING LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW03S502	BLR SEALING TROUGH FILLING RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW04S501	ASH HOPPER SPRAY NOZZLE LH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW04S502	ASH HOPPER SPRAY NOZZLE RH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW05S501	FLR WASH TO ASH HPR DR'S HOSE CONN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW05S502	FLR WASH TO ASH HPR DR'S HOSE CONN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW05S503	FLR WASH TO ASH HPR DOORS IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW05S504	FLR WASH TO ASH HPR DOORS IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW06S501	SLUICE WTR TO ASH HPR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW06S502	SLUICE WTR TO ASH HPR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW07S501	HOPPER CLG WTR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW07S502	HOPPER CLG WTR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S501	ASH PLT EFFLUENT SUPL MAIN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S502	SLUICE PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S503	SLUICE PUMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S504	SLUICE PUMP A FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S505	SLUICE PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S506	SLUICE PUMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S507	SLUICE PUMP B FLR WASH CONN IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-03WW10S509	SLUICE WTR LH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S510	SLUICE WTR RH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S511	SLUICEWAY NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S512	SLUICEWAY NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S513	SLUICEWAY NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S514	SLUICEWAY NOZZLE IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S517	ASH SUMP AGITATING NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S518	ASH PMP BILGE SMP AGIT NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S519	ASH PMP BILGE SMP AGIT NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S520	ASH PUMP BILGE SUMP HOSE CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S521	ASH PUMP BILGE SUMP AGIT NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S522	ASH PMP BILGE SMP AGIT NOZZLE SPL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S523	ASH HPR 1 DOOR CYL NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S524	ASH HOPPER 1 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S525	ASH HOPPER 1 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW10S526	ASH HOPPER 1 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW11S501	ASH SUMP EFFLUENT FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW11S502	ASH SUMP AWR FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S401	ASH HOPPER CLG PMP A STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S402	ASH HOPPER CLG PMP B STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S501	ASH HOPPER CLG PMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S502	ASH HOPPER CLG PMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S503	ASH HOPPER CLG PMP A STNR OUTLET V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S504	ASH HOPPER CLG PMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S505	ASH HOPPER CLG PMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S506	ASH HPR CLG PMP B STNR OUTL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S507	ASH SUMP CW MAKE UP IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S521	ASH HOPPER 2 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S522	ASH HOPPER 2 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S523	ASH HOPPER 2 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-03WW20S524	ASH HOPPER 2 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S525	ASH HOPPER 2 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW20S526	ASH HOPPER 2 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S501	ASH PUMP S/WTR PMP A CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S505	ASH PMP S/WTR PMP B CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S521	ASH HOPPER 3 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S522	ASH HOPPER 3 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S523	ASH HOPPER 3 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S524	ASH HOPPER 3 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S525	ASH HOPPER 3 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW30S526	ASH HOPPER 3 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW40S521	ASH HOPPER 4 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW40S522	ASH HOPPER 4 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW40S523	ASH HOPPER 4 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW40S524	ASH HOPPER 4 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW40S525	ASH HOPPER 4 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW40S526	ASH HOPPER 4 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S503	ASH PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S505	ASH PUMP A DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S505-A01	ASH SECTION LINE A ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S506	ASH PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S508	ASH PUMP B DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S508-A01	ASH SECTION LINE B ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S521	ASH HOPPER 5 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S522	ASH HOPPER 5 DOOR JET NOXXLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S523	ASH HOPPER 5 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S524	ASH HOPPER 5 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S525	ASH HOPPER 5 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW50S526	ASH HOPPER 5 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW60S521	ASH HOPPER 6 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-03WW60S522	ASH HOPPER 6 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW60S523	ASH HOPPER 6 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW60S524	ASH HOPPER 6 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW60S525	ASH HOPPER 6 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-03WW60S526	ASH HOPPER 6 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S401	BLR SEAL O/FLOW TROUGH IV FRONT A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S402	BLR SEAL O/FLOW TROUGH IV FRONT B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S403	BLR SEAL O/FLOW TROUGH IV FRONT C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S404	BLR SEAL O/FLOW TROUGH IV FRONT D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S405	BLR SEAL O/FLOW TROUGH IV FRONT E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S406	BLR SEAL O/FLOW TROUGH IV FRONT F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S407	BLR SEAL TROUGH ASH HOPR O/FLOW DV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S408	BLR SEAL TROUGH ASH HOPR O/FLOW DV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW01S409	BLR SEAL TROUGH ASH HOPR O/FLOW DV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW02S501	ASH HOPPER SPRAY WATER NOZZLE LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW02S502	ASH HOPPER SPRAY WATER NOZZLE RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S401	BOILER SEALING TROUGH DRN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S402	BOILER SEALING TROUGH DRN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S403	BOILER SEALING TROUGH DRN V/V C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S404	BOILER SEALING TROUGH DRN V/V D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S405	BOILER SEALING TROUGH DRN V/V E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S406	BOILER SEALING TROUGH DRN V/V F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S407	BOILER SEALING TROUGH DRN V/V G	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S408	BOILER SEALING TROUGH DRN V/V H	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S501	BLR SEALING TROUGH FILLING LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW03S502	BLR SEALING TROUGH FILLING RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW04S501	ASH HOPPER SPRAY NOZZLE LH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW04S502	ASH HOPPER SPRAY NOZZLE RH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW05S501	FLR WASH TO ASH HPR DR'S HOSE CONN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW05S502	FLR WASH TO ASH HPR DR'S HOSE CONN V/V B	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-04WW05S503	FLR WASH TO ASH HPR DOORS IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW05S504	FLR WASH TO ASH HPR DOORS IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW06S501	SLUICE WTR TO ASH HPR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW06S502	SLUICE WTR TO ASH HPR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW07S501	HOPPER CLG WTR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW07S502	HOPPER CLG WTR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S501	ASH PLT EFFLUENT SUPL MAIN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S502	SLUICE PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S503	SLUICE PUMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S504	SLUICE PUMP A FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S505	SLUICE PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S506	SLUICE PUMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S507	SLUICE PUMP B FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S509	SLUICE WTR LH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S510	SLUICE WTR RH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S511	SLUICEWAY NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S512	SLUICEWAY NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S513	SLUICEWAY NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S514	SLUICEWAY NOZZLE IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S517	ASH SUMP AGITATING NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S518	ASH PMP BILGE SMP AGIT NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S519	ASH PMP BILGE SMP AGIT NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S520	ASH PUMP BILGE SUMP HOSE CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S521	ASH PUMP BILGE SUMP AGIT NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S522	ASH PMP BILGE SMP AGIT NOZZLE SPL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S523	ASH HPR 1 DOOR CYL NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S524	ASH HOPPER 1 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S525	ASH HOPPER 1 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW10S526	ASH HOPPER 1 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW11S501	ASH SUMP EFFLUENT FILLING IV	Valves - Gate	Internal inspection	GO



Bottom Ash Removal	05-04WW11S502	ASH SUMP AWR FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S401	ASH HOPPER CLG PMP A STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S402	ASH HOPPER CLG PMP B STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S501	ASH HOPPER CLG PMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S502	ASH HOPPER CLG PMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S503	ASH HOPPER CLG PMP A STNR OUTLET V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S504	ASH HOPPER CLG PMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S505	ASH HOPPER CLG PMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S506	ASH HPR CLG PMP B STNR OUTL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S507	ASH SUMP CW MAKE UP IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S521	ASH HOPPER 2 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S522	ASH HOPPER 2 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S523	ASH HOPPER 2 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S524	ASH HOPPER 2 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S525	ASH HOPPER 2 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW20S526	ASH HOPPER 2 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S501	ASH PUMP S/WTR PMP A CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S505	ASH PMP S/WTR PMP B CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S521	ASH HOPPER 3 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S522	ASH HOPPER 3 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S523	ASH HOPPER 3 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S524	ASH HOPPER 3 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S525	ASH HOPPER 3 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW30S526	ASH HOPPER 3 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW40S521	ASH HOPPER 4 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW40S522	ASH HOPPER 4 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW40S523	ASH HOPPER 4 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW40S524	ASH HOPPER 4 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW40S525	ASH HOPPER 4 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW40S526	ASH HOPPER 4 FILLING IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-04WW50S503	ASH PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S505	ASH PUMP A DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S505-A01	ASH SECTION LINE A ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S506	ASH PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S508	ASH PUMP B DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S508-A01	ASH SECTION LINE B ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S521	ASH HOPPER 5 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S522	ASH HOPPER 5 DOOR JET NOXXLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S523	ASH HOPPER 5 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S524	ASH HOPPER 5 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S525	ASH HOPPER 5 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW50S526	ASH HOPPER 5 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW60S521	ASH HOPPER 6 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW60S522	ASH HOPPER 6 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW60S523	ASH HOPPER 6 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW60S524	ASH HOPPER 6 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW60S525	ASH HOPPER 6 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-04WW60S526	ASH HOPPER 6 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S401	BLR SEAL O/FLOW TROUGH IV FRONT A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S402	BLR SEAL O/FLOW TROUGH IV FRONT B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S403	BLR SEAL O/FLOW TROUGH IV FRONT C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S404	BLR SEAL O/FLOW TROUGH IV FRONT D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S405	BLR SEAL O/FLOW TROUGH IV FRONT E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S406	BLR SEAL O/FLOW TROUGH IV FRONT F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S407	BLR SEAL TROUGH ASH HOPR O/FLOW DV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S408	BLR SEAL TROUGH ASH HOPR O/FLOW DV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW01S409	BLR SEAL TROUGH ASH HOPR O/FLOW DV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW02S501	ASH HOPPER SPRAY WATER NOZZLE LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW02S502	ASH HOPPER SPRAY WATER NOZZLE RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S401	BOILER SEALING TROUGH DRN V/V A	Valves - Gate	Internal inspection	GO



Bottom Ash Removal	05-05WW03S402	BOILER SEALING TROUGH DRN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S403	BOILER SEALING TROUGH DRN V/V C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S404	BOILER SEALING TROUGH DRN V/V D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S405	BOILER SEALING TROUGH DRN V/V E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S406	BOILER SEALING TROUGH DRN V/V F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S407	BOILER SEALING TROUGH DRN V/V G	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S408	BOILER SEALING TROUGH DRN V/V H	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S501	BLR SEALING TROUGH FILLING LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW03S502	BLR SEALING TROUGH FILLING RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW04S501	ASH HOPPER SPRAY NOZZLE LH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW04S502	ASH HOPPER SPRAY NOZZLE RH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW05S501	FLR WASH TO ASH HPR DR'S HOSE CONN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW05S502	FLR WASH TO ASH HPR DR'S HOSE CONN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW05S503	FLR WASH TO ASH HPR DOORS IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW05S504	FLR WASH TO ASH HPR DOORS IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW06S501	SLUICE WTR TO ASH HPR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW06S502	SLUICE WTR TO ASH HPR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW07S501	HOPPER CLG WTR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW07S502	HOPPER CLG WTR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S501	ASH PLT EFFLUENT SUPL MAIN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S502	SLUICE PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S503	SLUICE PUMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S504	SLUICE PUMP A FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S505	SLUICE PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S506	SLUICE PUMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S507	SLUICE PUMP B FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S509	SLUICE WTR LH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S510	SLUICE WTR RH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S511	SLUICEWAY NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S512	SLUICEWAY NOZZLE IV B	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-05WW10S513	SLUICEWAY NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S514	SLUICEWAY NOZZLE IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S517	ASH SUMP AGITATING NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S518	ASH PMP BILGE SMP AGIT NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S519	ASH PMP BILGE SMP AGIT NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S520	ASH PUMP BILGE SUMP HOSE CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S521	ASH PUMP BILGE SUMP AGIT NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S522	ASH PMP BILGE SMP AGIT NOZZLE SPL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S523	ASH HPR 1 DOOR CYL NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S524	ASH HOPPER 1 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S525	ASH HOPPER 1 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW10S526	ASH HOPPER 1 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW11S501	ASH SUMP EFFLUENT FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW11S502	ASH SUMP AWR FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S401	ASH HOPPER CLG PMP A STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S402	ASH HOPPER CLG PMP B STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S501	ASH HOPPER CLG PMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S502	ASH HOPPER CLG PMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S503	ASH HOPPER CLG PMP A STNR OUTLET V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S504	ASH HOPPER CLG PMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S505	ASH HOPPER CLG PMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S506	ASH HPR CLG PMP B STNR OUTL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S507	ASH SUMP CW MAKE UP IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S521	ASH HOPPER 2 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S522	ASH HOPPER 2 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S523	ASH HOPPER 2 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S524	ASH HOPPER 2 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S525	ASH HOPPER 2 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW20S526	ASH HOPPER 2 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S501	ASH PUMP S/WTR PMP A CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-05WW30S505	ASH PMP S/WTR PMP B CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S521	ASH HOPPER 3 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S522	ASH HOPPER 3 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S523	ASH HOPPER 3 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S524	ASH HOPPER 3 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S525	ASH HOPPER 3 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW30S526	ASH HOPPER 3 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW40S521	ASH HOPPER 4 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW40S522	ASH HOPPER 4 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW40S523	ASH HOPPER 4 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW40S524	ASH HOPPER 4 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW40S525	ASH HOPPER 4 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW40S526	ASH HOPPER 4 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S503	ASH PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S505	ASH PUMP A DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S505-A01	ASH SECTION LINE A ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S506	ASH PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S508	ASH PUMP B DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S508-A01	ASH SECTION LINE B ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S521	ASH HOPPER 5 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S522	ASH HOPPER 5 DOOR JET NOXXLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S523	ASH HOPPER 5 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S524	ASH HOPPER 5 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S525	ASH HOPPER 5 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW50S526	ASH HOPPER 5 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW60S521	ASH HOPPER 6 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW60S522	ASH HOPPER 6 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW60S523	ASH HOPPER 6 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW60S524	ASH HOPPER 6 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-05WW60S525	ASH HOPPER 6 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-05WW60S526	ASH HOPPER 6 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S401	BLR SEAL O/FLOW TROUGH IV FRONT A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S402	BLR SEAL O/FLOW TROUGH IV FRONT B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S403	BLR SEAL O/FLOW TROUGH IV FRONT C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S404	BLR SEAL O/FLOW TROUGH IV FRONT D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S405	BLR SEAL O/FLOW TROUGH IV FRONT E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S406	BLR SEAL O/FLOW TROUGH IV FRONT F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S407	BLR SEAL TROUGH ASH HOPR O/FLOW DV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S408	BLR SEAL TROUGH ASH HOPR O/FLOW DV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW01S409	BLR SEAL TROUGH ASH HOPR O/FLOW DV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW02S501	ASH HOPPER SPRAY WATER NOZZLE LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW02S502	ASH HOPPER SPRAY WATER NOZZLE RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S401	BOILER SEALING TROUGH DRN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S402	BOILER SEALING TROUGH DRN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S403	BOILER SEALING TROUGH DRN V/V C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S404	BOILER SEALING TROUGH DRN V/V D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S405	BOILER SEALING TROUGH DRN V/V E	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S406	BOILER SEALING TROUGH DRN V/V F	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S407	BOILER SEALING TROUGH DRN V/V G	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S408	BOILER SEALING TROUGH DRN V/V H	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S501	BLR SEALING TROUGH FILLING LH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW03S502	BLR SEALING TROUGH FILLING RH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW04S501	ASH HOPPER SPRAY NOZZLE LH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW04S502	ASH HOPPER SPRAY NOZZLE RH COM IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW05S501	FLR WASH TO ASH HPR DR'S HOSE CONN V/V A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW05S502	FLR WASH TO ASH HPR DR'S HOSE CONN V/V B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW05S503	FLR WASH TO ASH HPR DOORS IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW05S504	FLR WASH TO ASH HPR DOORS IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW06S501	SLUICE WTR TO ASH HPR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW06S502	SLUICE WTR TO ASH HPR RH RING IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-06WW07S501	HOPPER CLG WTR LH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW07S502	HOPPER CLG WTR RH RING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S501	ASH PLT EFFLUENT SUPL MAIN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S502	SLUICE PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S503	SLUICE PUMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S504	SLUICE PUMP A FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S505	SLUICE PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S506	SLUICE PUMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S507	SLUICE PUMP B FLR WASH CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S509	SLUICE WTR LH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S510	SLUICE WTR RH MILL REJ SLUICE WAY NOZ IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S511	SLUICEWAY NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S512	SLUICEWAY NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S513	SLUICEWAY NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S514	SLUICEWAY NOZZLE IV D	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S517	ASH SUMP AGITATING NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S518	ASH PMP BILGE SMP AGIT NOZZLE IV A	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S519	ASH PMP BILGE SMP AGIT NOZZLE IV B	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S520	ASH PUMP BILGE SUMP HOSE CONN IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S521	ASH PUMP BILGE SUMP AGIT NOZZLE IV C	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S522	ASH PMP BILGE SMP AGIT NOZZLE SPL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S523	ASH HPR 1 DOOR CYL NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S524	ASH HOPPER 1 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S525	ASH HOPPER 1 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW10S526	ASH HOPPER 1 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW11S501	ASH SUMP EFFLUENT FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW11S502	ASH SUMP AWR FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S401	ASH HOPPER CLG PMP A STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S402	ASH HOPPER CLG PMP B STNR DRN V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S501	ASH HOPPER CLG PMP A SUCTION IV	Valves - Gate	Internal inspection	GO

Bottom Ash Removal	05-06WW20S502	ASH HOPPER CLG PMP A DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S503	ASH HOPPER CLG PMP A STNR OUTLET V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S504	ASH HOPPER CLG PMP B SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S505	ASH HOPPER CLG PMP B DISCH IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S506	ASH HPR CLG PMP B STNR OUTL IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S507	ASH SUMP CW MAKE UP IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S521	ASH HOPPER 2 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S522	ASH HOPPER 2 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S523	ASH HOPPER 2 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S524	ASH HOPPER 2 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S525	ASH HOPPER 2 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW20S526	ASH HOPPER 2 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S501	ASH PUMP S/WTR PMP A CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S505	ASH PMP S/WTR PMP B CW SUPL ISOL V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S521	ASH HOPPER 3 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S522	ASH HOPPER 3 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S523	ASH HOPPER 3 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S524	ASH HOPPER 3 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S525	ASH HOPPER 3 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW30S526	ASH HOPPER 3 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW40S521	ASH HOPPER 4 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW40S522	ASH HOPPER 4 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW40S523	ASH HOPPER 4 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW40S524	ASH HOPPER 4 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW40S525	ASH HOPPER 4 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW40S526	ASH HOPPER 4 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S503	ASH PUMP A SUCTION IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S505	ASH PUMP A DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S505-A01	ASH SECTION LINE A ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S506	ASH PUMP B SUCTION IV	Valves - Gate	Internal inspection	GO



Bottom Ash Removal	05-06WW50S508	ASH PUMP B DISCH SECT IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S508-A01	ASH SECTION LINE B ISOL V/V LS	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S521	ASH HOPPER 5 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S522	ASH HOPPER 5 DOOR JET NOXXLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S523	ASH HOPPER 5 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S524	ASH HOPPER 5 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S525	ASH HOPPER 5 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW50S526	ASH HOPPER 5 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW60S521	ASH HOPPER 6 SLUICE WAY NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW60S522	ASH HOPPER 6 DOOR JET NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW60S523	ASH HOPPER 6 DOOR CYLINDER IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW60S524	ASH HOPPER 6 DOOR CYLINDER 4 WAY V/V	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW60S525	ASH HOPPER 6 FRONT NOZZLE IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-06WW60S526	ASH HOPPER 6 FILLING IV	Valves - Gate	Internal inspection	GO
Bottom Ash Removal	05-01WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-01WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-01WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-01WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-02WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-02WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-02WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-02WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-03WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-03WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-03WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-03WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-04WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-04WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-04WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-04WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Internal inspection	MGO

Bottom Ash Removal	05-05WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-05WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-05WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-05WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-06WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-06WN15	ASH CRUSHER A MAIN GATE	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-06WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-06WN15S501	ASH CRUSHER A MAIN GATE V/V	Valves - Gate	Internal inspection	MGO
Bottom Ash Removal	05-01WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-01WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-01WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-01WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-02WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-02WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-02WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-02WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-03WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-03WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-03WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-03WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-04WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-04WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-04WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-04WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-05WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-05WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-05WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-05WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-06WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-06WN10S501	ASH CRUSHER A INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO



Bottom Ash Removal	05-06WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Lubricate the Spindle	MGO
Bottom Ash Removal	05-06WN20S501	ASH CRUSHER B INLET GATE V/V	Valves - Gate	Refurbishment/Overhaul	MGO
Bottom Ash Removal	05-01WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO

Bottom Ash Removal	05-01WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-01WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-01WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO

Bottom Ash Removal	05-02WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO

Bottom Ash Removal	05-02WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-02WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-02WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-02WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO

Bottom Ash Removal	05-03WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO



Bottom Ash Removal	05-03WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-03WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-03WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-03WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO

Bottom Ash Removal	05-04WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-04WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-04WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-04WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO

Bottom Ash Removal	05-05WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO



Bottom Ash Removal	05-05WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-05WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-05WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-05WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10P003	SLUICE PUMP A DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10P006	SLUICE PUMP B DISCH NRV PRESS IND	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10S305	SLUICE PMP A DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10S308	SLUICE PMP B DISCH NRV PI IV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO

Bottom Ash Removal	05-06WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10S601	SLUICE PUMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10S602	SLUICE PUMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW10S603	ASH PUMP BILGE SUMP LS/W SUPPLY NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW20S601	ASH HOPPER CLG PMP A DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW20S602	ASH HOPPER CLG PMP B DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW20S603	ASH SUMP CW MAKE UP NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW40S601	ASH PMP BILGE SUMP PMP DISCH NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW50S605	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW50S606	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW50S607	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO

Bottom Ash Removal	05-06WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW50S608	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW50S609	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-06WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal inspection and service of valve	MGO
Bottom Ash Removal	05-06WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Functional Testing	MGO
Bottom Ash Removal	05-06WW50S610	ASH HPR 5 FRONT NOZ NRV	Valves - NRV - Disc - Tilting	Internal Inspection	MGO
Bottom Ash Removal	05-01WN10D001KJ01	ASH CRUSHER A	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-01WN10D002KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-01WN20D001KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-02WN10D001KJ01	ASH CRUSHER A	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-02WN10D002KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-02WN20D001KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-03WN10D001KJ01	ASH CRUSHER A	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-03WN10D002KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-03WN20D001KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-04WN10D001KJ01	ASH CRUSHER A	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-04WN10D002KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-04WN20D001KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-05WN10D001KJ01	ASH CRUSHER A	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-05WN10D002KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-05WN20D001KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-06WN10D001KJ01	ASH CRUSHER A	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-06WN10D002KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-06WN20D001KJ01	ASH CRUSHER B	Ash Crusher	Replacement	MGO
Bottom Ash Removal	05-00WW10S404	DB BOX NOZZLE 1	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-00WW10S404	DB BOX NOZZLE 1	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-00WW10S407	DB BOX NOZZLE 2	Spray Nozzle	descaling of nozzles	MGO

Bottom Ash Removal	05-00WW10S407	DB BOX NOZZLE 2	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-00WW10S408	DB BOX NOZZLE 3	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-00WW10S408	DB BOX NOZZLE 3	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-00WW10S409	DB BOX NOZZLE 4	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-00WW10S409	DB BOX NOZZLE 4	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO

Bottom Ash Removal	05-01WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-01WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-02WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO



Bottom Ash Removal	05-02WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-03WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	descaling of nozzles	MGO

Bottom Ash Removal	05-04WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-04WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW02	ASH HOPPER SPRAY WATER NOZZLE	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO

Bottom Ash Removal	05-05WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-05WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G410	ASH HOPPER 1 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G511	MILL REJECT SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO



Bottom Ash Removal	05-06WW10G513	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G514	SLUICEWAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G517	ASH SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G518	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G519	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW10G521	ASH PUMP SPILLAGE SUMP AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW20G410	ASH HOPPER 2 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW30G410	ASH HOPPER 3 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW40G410	ASH HOPPER 4 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW50G410	ASH HOPPER 5 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	descaling of nozzles	MGO
Bottom Ash Removal	05-06WW60G410	ASH HOPPER 6 SLUICE WAY NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-01WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-01WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-02WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-02WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-02WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	descaling	MGO

Bottom Ash Removal	05-03WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-03WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-03WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-04WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-04WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-04WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-05WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-05WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-05WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-06WW10G515	ASH CRUSHER A AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-06WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	descaling	MGO
Bottom Ash Removal	05-06WW20G516	ASH CRUSHER B AGITATING NOZZLES	Spray Nozzle	Inspection	MGO
Bottom Ash Removal	05-01WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G010	BOILER SEALING TROUGH	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G010	BOILER SEALING TROUGH	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Refractory Inspection	MGO

Bottom Ash Removal	05-02WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G010	BOILER SEALING TROUGH	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G010	BOILER SEALING TROUGH	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G010	BOILER SEALING TROUGH	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G010	BOILER SEALING TROUGH	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Refractory Inspection	MGO

Bottom Ash Removal	05-04WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G010	BOILER SEALING TROUGH	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G010	BOILER SEALING TROUGH	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G010	BOILER SEALING TROUGH	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G010	BOILER SEALING TROUGH	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G001KB01	BOILER ASH HOPPER 1 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G002KB01	BOILER ASH HOPPER 2 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Refractory Inspection	MGO

Bottom Ash Removal	05-06WW01G003KB01	BOILER ASH HOPPER 3 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G004KB01	BOILER ASH HOPPER 4 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G005KB01	BOILER ASH HOPPER 5 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G006KB01	BOILER ASH HOPPER 6 INNER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G010	BOILER SEALING TROUGH	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G010	BOILER SEALING TROUGH	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Visual Inspection	MGO

Bottom Ash Removal	05-01WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-01WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-01WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Visual Inspection	MGO



Bottom Ash Removal	05-02WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-02WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-02WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-02WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Visual Inspection	MGO

Bottom Ash Removal	05-03WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-03WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-03WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-03WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Visual Inspection	MGO



Bottom Ash Removal	05-04WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-04WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Visual Inspection	MGO

Bottom Ash Removal	05-04WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-04WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-04WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Visual Inspection	MGO

Bottom Ash Removal	05-05WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-05WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-05WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-05WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G001	BOILER ASH HOPPER 1	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G001KB02	BOILER ASH HOPPER 1 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G002	BOILER ASH HOPPER 2	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G002KB02	BOILER ASH HOPPER 2 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G003	BOILER ASH HOPPER 3	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G003KB02	BOILER ASH HOPPER 3 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G004	BOILER ASH HOPPER 4	Ash Hopper	Visual Inspection	MGO

Bottom Ash Removal	05-06WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G004KB02	BOILER ASH HOPPER 4 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G005	BOILER ASH HOPPER 5	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G005KB02	BOILER ASH HOPPER 5 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G006	BOILER ASH HOPPER 6	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-06WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Replacement	GO
Bottom Ash Removal	05-06WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Refractory Inspection	MGO
Bottom Ash Removal	05-06WW01G006KB02	BOILER ASH HOPPER 6 OUTER DOOR	Ash Hopper	Visual Inspection	MGO
Bottom Ash Removal	05-01WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-01WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-02WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO

Bottom Ash Removal	05-02WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-02WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-02WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-02WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-02WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-02WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-02WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-03WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-04WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-04WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-04WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Refurbishment	MGO/MO
Bottom Ash Removal	05-04WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage	Mechanical Tests (Off line)	MGO/

			(>1000V)		MO
Bottom Ash Removal	05-04WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-04WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-04WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-04WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-04WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Refurbishment	MGO/ MO
Bottom Ash Removal	05-05WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-05WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-06WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-06WW10D001-M01	SLUICE PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-06WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/ MO
Bottom Ash Removal	05-06WW10D002-M01	SLUICE PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/ MO

Bottom Ash Removal	05-06WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-06WW50D001-M01	ASH PUMP MOTOR A	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-06WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Mechanical Tests (Off line)	MGO/MO
Bottom Ash Removal	05-06WW50D002-M01	ASH PUMP MOTOR B	Motor - High Voltage (>1000V)	Electrical Tests (Off line)	MGO/MO

## 1.2 Interpretation and terminology

N/A

## Management strategy and start up.

### 2.1 The *Contractor's* plan for the service

The *Contractor* will submit a plan to the *Service Manager* for acceptance within the period stated in the service agreement.

Requirements which are to be incorporated into the *Contractor's* plan:

Document 240-85065548 requirements (project controls for contractors)

Level 4 programme when Task Order is provided to the *Contractor*

## 2.2 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Discussions to take place as soon as a risk is notified	<i>Service Manager's</i> office	<i>Contractor, Service Manager, Co-ordinator and Contracts Supervisor</i>
Overall contract progress and feedback	Weekly basis during Outages Thursdays 14:00-15:00	<i>Service Manager's</i> office	<i>Service Manager, Contractor, Co-ordinator and Contracts supervisor</i>
Daily Outage Progress	Daily 10:00am during outages	Outage Boardroom	Outage Execution Manager, Planner, <i>Service Manager</i> , Co-ordinator and Contract Supervisors
Daily Safety Toolbox Talks	Daily before work starts on site with signed attendance registers by <i>Contractor's</i> employees and signed off minutes by the <i>Contractor's</i> Site Manager	<i>Contractors</i> Yard	<i>Contractor</i> and his employees
<i>Contractor</i> Weekly Safety Meeting	Wednesdays during Outages 11:00-12:00	Outage Boardroom	Safety Officers, Supervisors, Outage planners and Co-ordinators
Plant Safety Walk down	Tuesdays 08:00am and Thursdays 08:00am during Outages	Outside the unit on Outage shutter door	Safety Officers, Supervisors, Outage planners and Co-ordinators
<i>Contractors</i> Meeting	Daily 15:00pm during outages	<i>Service Manager's</i> office	Outage Co-ordinator, <i>Contractor</i> , <i>Contractor</i> Planner and Supervisor

If the *Contractor* can't attend any meeting his feedback should be formally communicated through to the *Service Manager*.

The *Contractor* will provide a detailed feedback report on a daily basis during Outages providing accurate feedback on the status of *service* carried out by the *Contractor*. This report should indicate accurate progress of *service* and if any constraints are experienced, the *Contractor* to communicate with the *Service Manager* and mitigate the risks with action plans.

Meetings of a specialist nature may be convened as specified elsewhere in this Service Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the *service*. Records of these meetings shall be submitted to the *Service Manager* by the person convening the meeting within five days of the meeting.



All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

## 2.3 **Contractor's management, supervision and key people**

The *Contractor* to provide a key list of personnel who will carry out the work on site with their qualifications attached. A company organogram will be needed by the *Service Manager* to communicate accordingly to comply with the NEC3 Term Services Contract communication structures. *Contractor* to refer to Kriel Power Station *Contractor* SHE Requirements RSR0001

## 2.4 **Plant Safety Regulations Permits**

It is the sole responsibility of the *Contractor* to ensure at all times there is an authorised Responsible Person to take out permits for the execution of the *service*. The *Employer* will provide all training necessary for the selected *Contractor's* personnel to be authorised on Eskom Plant Safety Regulation.

## 2.5 **Provision of bonds and guarantees**

Not Applicable

## 2.6 **Documentation control**

Documentation requirements covers the life cycle of the project from the initial engineering stages through to installation and commissioning including operating, maintenance and the training stages of the project. Not only must these documents be comprehensive and complete but comply with strict document control and revision procedures.

The *Contractor* is responsible to plan the supply of the documentation during the various project stages and to provide the documentation in accordance with the *Contractor* Document Submission Schedule (CDSS). A document is thus any written or pictorial information describing, defining, specifying or certifying activities, requirements, procedures or results.

All the drawings issued by the *Employer* for this contract is copyright protected and are not to be copied by the *Contractor*.

It is the responsibility of the *Contractor* to update any drawings that may have changed due to modifications on the plant. These drawings should be submitted and registered correctly by the *Contractor* to the drawing office at Kriel Power Station.

The *Contractor* submits all documentation on a formal transmittal form to the *Service Manager*.

All manuals, documents, drawings and engineering documentation shall be presented in British English in both software and hardware.

All Communications will be filed and kept on site at all times as it is crucial to have the correct communication structures. These communication documents should at all times adhere to the NEC 3 Term Service Contract communication requirements.

### **Contractor Document Submission Schedule (CDSS)**

Document Name/Description	Date/Time documents to be submitted
A programme in Primavera format as referred to document number (240-85065548)	One week after receipt of task order
Baseline risk assessment	A month before start of the work
QCP's	A month before start of the work

Contractor's Safety file	Two week before start of work
Inspection report	24 hours after stripping activity
Daily progress report	After Every Shift
Technical report and data pack	Within 14 days of completion of the services

## 2.7 Invoicing and payment

### Invoicing Format and Process

The Contractor will submit a payment request to the Service Manager before assessment date. The Eskom Costing Consultant will compile a payment certificate. IN terms of core clause 51.1, the Contractor provides the Employer with a Tax Invoice showing the amount due for payment equal to that stated in the payment certificate.

- No invoices to be handed to an individual. There is no need for the *Purchaser Representative* to sign invoices as they perform Goods Receipt in the system. The Goods Receipt serves as the approval of payment.
- **Invoices must be delivered to the Eskom Documentation Centre (email to: [Invoiceseskomlocal@eskom.co.za](mailto:Invoiceseskomlocal@eskom.co.za)) as this will speed up the payment process and ensure that invoices are not delayed for payment.**
- Eskom Documentation Centre will review invoices according to a checklist and on completion scan the documentation into Accounts Payable processing system (**Documentation can only be scanned where the Purchase order no. and Goods Receipt Note no. is reflected on the invoice, and the invoice complies with the VAT Act).**
- Invoices are processed and released for payment by Accounts Payable Section only where the source documentation is 100% correct

Invoices to be addressed to:  
 Eskom Holdings SOC Ltd  
 Reg. No. 2002/015527/30  
 Kriel Power Station  
 Accounts Payable  
 Private Bag X5009, Kriel 2271  
 Email to: [Invoiceseskomlocal@eskom.co.za](mailto:Invoiceseskomlocal@eskom.co.za)

The *Supplier* keeps records of all invoices submitted and paid up to the end of the project, as well as details of Actual Costs.

The *Supplier* is required to follow the correct process to ensure the payment is effected in accordance with contractual payment terms. The following information to be reflected on each invoice:

- Name and address of the *Supplier* and the Purchaser Representative;
- The contract number and title;
- *Supplier's* VAT registration number;
- The Purchaser's VAT registration number 4740101508;
- Description of service provided for each item invoiced based on the Price List;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT

*Supplier* is required to follow the correct process to ensure the payment is effected in accordance with contractual payment terms.

### 2.6.1 Service related invoices

- a) Once the *service* have been delivered/completed both parties have to agree that the *service* has been delivered/completed successfully prior to invoicing
- b) An assessment payment certificate must be completed between the *Contractor* and *Service Manager* according to the *service* performed. Both parties have to sign the assessment/certificate
- c) A copy of assessment/payment certificate must be obtained by the *Contractor* to enable the creation of an invoice and to prevent any discrepancies. A copy of the assessment/payment certificate must be attached to the original invoice
- d) *Service Manager* performs a service entry and Goods Receipt on the SAP system. (Assessment/Payment Certificate issued as a source document for Service Entry Goods Receipt)
- e) *Service Manager* will forward the Service entry and Goods Receipt Note number to the *Contractor* within 3 working days after the service has been rendered and the Assessment/Payment certificate signed
- f) *Contractor* must forward the original invoices together with a copy of the Assessment/Payment certificate to the Eskom Documentation Centre.

### 2.6.2 Goods Delivered Invoices

- a) Once the Goods are delivered, the *Service Manager* performs a Goods Receipt on the SAP system. (The delivery note is used as source document for Goods Receipt. The invoice should not be used as a delivery note)
- b) *Service Manager* will then forward the Goods Receipt note to the Vendor immediately or within 3 working days after the Goods are delivered.
- c) Vendors must then forward the Invoices together with a copy of the Assessment/Payment certificate to the Eskom Documentation Centre

### 2.6.3 Invoices linked to commodity prices

- a) The requirements are the same as for Goods Delivered Invoices.
- b) Invoices which are linked to commodity prices will result in CPA (Contract Price Adjustment).
- c) Attach a copy of the material invoice that has been previously paid to the CPA invoice, as well as the calculation sheet and all indices attached other than SEIFSA.
- d) The relevant Eskom Department will then complete the CPA calculation sheet and forwards it to the Eskom Documentation Centre.

### 2.6.4 Retention Invoices

- a) The requirements are the same as for Goods Delivered and service related Invoices.
- b) Where Retention is applicable on the contract, the Eskom SAP system will automatically create the Retention, and the amount deducted from the invoiced amount.
- c) Invoices related to retentions release require a defect or completion certificate and a retention release certificate from the *Service Manager* and must be attached to the original invoice. The original invoice for the retention to be released must be accompanied by the approved and signed completion/defect certificate and retention release certificate and forwarded by the *Service Manager* to the Documentation Centre to effect payment.

### 2.6.5 Foreign exchange Invoices

- a) The requirements are the same as for Goods Delivered and *service* related Invoices.
- b) The following has to be attached to the Invoice before it will be processed: Commercial invoice. Bill of entry (SAD500), SARS release notification, Customs worksheet, Bill of Lading or Airway Bill and approved Exchange Control Approval (EXCON).

### 2.6.6 General Information related to Eskom Invoices

- a) *Contractor* must ensure that the Service Entry and Goods Receipt Note number appears on the invoice. (It can be printed or hand written on the invoice).
- b) Eskom Purchase Order number must appear on invoice.
- c) Invoices must be VAT compliant in line with the VAT Act requirements.
- d) Invoices submitted must reflect the bank account details. A once off copy of the banking details may be forwarded to the Documentation Centre and it will be attached to each scanned invoice.
- e) Invoices must be original or certified as an original in line with the VAT Act. No electronic invoices will be accepted.
- f) Eskom's correct name "**Eskom Holdings SOC Limited**" must appear on the invoice.
- g) The Eskom VAT registration number: **4740 101 508** must appear on the invoice.
- h) No pro-forma invoices will be accepted.
- i) *Contractor* cannot be utilized by Eskom for more than 3 times without a contract being established.

## 2.8 Contract change management

Any change of the *Contractor's* company ownership should be communicated through to the *Service Manager*. Failing to do this may lead to contract termination with legal consequences.

The correct processes and procedures will be communicated through to the *Contractor* by the *Service Manager*.

If the *Employer's Service Manager* change the *Contractor* will be notified by the *Employer* as soon as possible to ensure that the *Contractor* follow the correct communication channels.

## 2.9 Records of Defined Cost to be kept by the Contractor

In order to substantiate the Defined Cost of Compensation Events, the *Employer* may require the *Contractor* to keep records of amounts paid by him for people employed by the *Contractor*, Plant and Materials, work subcontracted by the *Contractor* and Equipment.

The *Contractor's* Site Manager will complete the site daily log and this will be submitted to the *Service Manager* for his signature before 12 am of the following morning barring weekends. The Friday and weekend logs will be submitted before 12 am Mondays. The log will include but not be limited to the following:

- Date and day.
- Weather.
- Site Conditions.
- Work Done.
- People who are employed by the *Contractor*
- Work sub-contracted by the *Contractor*
- Any incidents during that period.

Any communication and documentation during this service agreement to be filed in the contract file. This file is in the possession of the *Service Manager* at all times.

## 2.10 Insurance provided by the Employer

As stated in Contract Data and as per Annexure A within this Service Agreement.

## 2.11 Training workshops and technology transfer

The *Service Manager* may request a detailed workshop or bar charts which fit into the logic and time span of the Accepted Programme, and reflects the required manufacturing completion dates.

The *Contractor* should create a programme for training on the plant for the *Employer's* nominated employees if required from the *Service Manager*.

This training should be relevant for the *Employer's* employees to perform front line fault finding or maintenance.

## **2.12 Design and supply of Equipment**

Details of the design of Equipment is shared with the *Service Manager*, not necessarily for his acceptance but, as an assurance that the Equipment will be able to allow the *Contractor* to Provide the Service efficiently and without delay.

Also the *Employer* may wish to exercise constraints or include witness and hold points during manufacture, assembly or delivery of such Equipment.

The *Contractor* submits particulars of the design of an item of equipment to the *Service Manager* for acceptance when the *Service Manager* instructs him to. A reason for not accepting is that the design of the item will not allow the *Contractor* to provide the service in accordance with the Service Information, accepted plan or the applicable law.

## **2.13 Things provided at the end of the service period for the Employer's use**

### **2.13.1 Equipment**

The *Contractor* is to hand over a serviceable plant to the *Employer* by the end of this contract.

### **2.13.2 Information and other things**

The *Contractor* has the right to use Equipment, Plant, and Materials as stated in this Service Information provided by the *Employer* to provide the service.

At the end of the service period the *Contractor* returns all Equipment and surplus materials to the *Employer*. Provides items of equipment for the *Employer's* use as stated in the Service Information and provides information and other things as stated in the Service Information.

## **2.14 Management of work done by Task Order**

A Task is work within the service which the *Service Manager* may instruct the *Contractor* to carry out within a stated period of time.

A signed Task Order is the *Service Manager's* instruction to carry out a Task.

Task Completion is when the *Contractor* has done all the work in the Task and corrected Defects which would have prevented the *Employer* or Others from using the Affected Property and Others from doing their work.

Task Completion Date is the date for completion stated in the Task Order unless later changed in accordance with this contract.

A Task Order includes:

- A detailed description of the work in the Task
- A priced list of items of work in the Task in which items taken from the Price List are identified.
- The starting and completion dates for the Task
- Conditions of the *service agreement* is in accordance with the Task Order issued

The *Service Manager* consults the *Contractor* about the contents of a Task Order before he issues it.

The Prices for items in the Task price list which are not taken from the Price List are assessed in the same way as compensation events.

No Task Order is issued after the end of the service period.

Work will not commence on site without the *Contractor* receiving a signed detailed task order that has been agreed upon by the *Service Manager* and the *Contractor*.

It is the *Contractors* responsibility to provide the *Service Manager* a detailed Task Order programme for acceptance within the period stated in the Contract Data.

Only when the Task Order programme is accepted and agreed upon by the *Service Manager* and the *Contractor* will any work commence on site.

**When any emergencies do arise, it is required from the *Contractor* to adhere to the following terms:**

- The *Contractor* will be informed of emergencies when the *Service Manager* first becomes aware of it.
- Response time within 2 hours for any communication when the *Contractor* acknowledges the emergency.
- Provide a programme within 8 hours after Task Order provided to the *Contractor*
- Mobilise within 5 hours after Task Order have been accepted by both parties.

### **3 Health and safety, the environment and quality assurance**

#### **Health and safety risk management**

The *Contractor* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the execution of the *service*. Without limitation the *Contractor* accepts that the *Employer* may appoint him as the "Principal Contractor" (as defined and provided for under the Construction Regulations 2003 (promulgated under the Occupational Health & Safety Act 85 of 1993) ("the Construction Regulations") for the Affected Property; warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with the Construction Regulations, all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of the *service*; and undertakes, in and about the execution of the *service*, to comply with the Construction Regulations and with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Contractor's* direction and control, likewise observe and comply with the foregoing.

The *Contractor*, in and about the execution of the *service*, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Contractor's* direction and control, likewise observe and comply with the foregoing.

#### **Safety Officer**

- Develop and Maintain a Safety Risk Programme
- Administer the safety incident reporting systems and check that the reporting, recording and investigation systems are in compliance with statutory and all Generation mandatory requirements.
- Coordinate Safety Training Programme
- Implement a marketing programme to create a safety awareness amongst all employees.

- Perform any other legitimate activity as required.



## **Environmental constraints and management**

All service providers appointed to render any services within Eskom Kriel Power Station are required to comply with the station's Environmental Management System requirements.

NB: Before commencing with any work, the service providers are required to visit the station's environmental section for evaluation. The station's environmental practitioner will evaluate the services to be rendered by the service provider and therefore allocate relevant legal and other requirements documents which the *Contractor* shall comply with during the works.

The service provider shall then commence with the works but paying inordinate attention towards implementing the relevant legal and other requirements measures as a minimum. Failure to comply with this agreement may ultimately lead to the termination of this contract. This requirement shall also be clearly stipulated in the NEC contracts between Eskom Kriel Power Station and any service providers.

It should always be noted that Kriel Power Station is ISO14001 certified and therefore promotes Integrated Environmental Management (IEM) philosophy which aims to achieve a desirable balance between conservation and development. All activities taking place within Kriel Power Station must consider section 28 of the National Environmental Management Act (107 of 1998) which makes provision for the duty of care approach. The contractor's team must commit to review and to continually improve environmental management, with the objective of improving overall environmental performance. The Contractor must consult with Kriel Environmental section on a regular basis for on-going assistance and advice.

The EMS shall clearly cover the following areas as per ISO 14001;

- Environmental policy
- Compliance obligations (Environmental legal and other requirements)
- Risk Assessments/Aspects & Impacts Register
- Improved management of monitoring and measurement documentation ( e.g. devices calibration certificates).
- Provision of necessary resources (e.g. computers, adequate human resource) and allocation of roles and responsibility (through clear appointments) to achieve effective implementation of the EMS.
- Continuous commitment towards complying with operational controls such as work instructions, operational procedures, etc. (either provided by the Contractor or by *Service Manager*) as well as emergency preparedness and response procedures/plans.
- The contractor shall continually evaluate the compliance to legal requirements (e.g. sewage treatment plant permits and other applicable legislation); this should also be documented within the monthly environmental site inspections reports.
- Kriel Power Station's procedure for non-conformity, corrective action and preventive actions shall be followed in case of the environmental incidents.
- Contingency plans.

## **Environmental Management Programmes**

- Environmental Management Programmes shall be established and maintained to ensure that objectives and targets are achieved.

## Audits

Audits covering various Environmental aspects, Safety, Operational, IBI and Maintenance Management at the plant shall be carried out within an acceptable interval to ensure compliance with statutory requirements and Eskom's policies, Directives, procedures etc.



## Quality Assurance Requirements

The *Contractor* shall be required to demonstrate by means of a Contract Quality Plan (CQP) that this organisation is so structured that all the requirements of the specification will be properly monitored and controlled. The Contract Quality Plan (CQP), which must include the Quality Control Plan (QCP), is to be drafted in accordance with QM-58 and the Supplier Contract Quality Requirement Specification (QM58). The Quality documents are to be submitted for approval to *the Project Manager* within thirty (30) days after a contract has been awarded to the *Contractor*.

No work may commence unless the Contract Quality Plan and Quality Control Plan documents have been approved in writing and a copy submitted to *the Project Manager*. The *Contractor*, in conjunction with *the Project Manager* must sign off all Quality Control documents after completing all work as per the agreed scope. The *Contractor* to submit a copy of the final signed off documents/data packages to *the Project Manager* within one (1) week after completion of work.

The *Contractor* shall be required to read and fully understand the contents of the Supplier Contract Quality Requirement Specification (QM58) and a copy is to be kept in possession or on premises.

The *Contractor* shall comply with all *Employer's* requirements as set out in QM-58 (Supplier Contract Quality Specification).

The *Contractor* further ensures that the subcontractor's programmes comply with the requirements of the Service Information.

The *Contractor* notifies the *Service Manager* of any changes to the Quality System and obtains agreement prior to implementation on existing orders and contracts, or sub orders and sub contracts.

The Supplier Contract Quality Requirement Specification (QM58) shall remain applicable in the event of the contract being extended or modified for reasons permitted.

By signature and acceptance of this contract the *Contractor* acknowledges and agrees to comply with and adhere to Eskom's policies and procedures (current and/or latest revisions) including the Supplier Contract Quality Requirement Specification (QM58).

### Contract Quality Management Plan Requirement:

The *Contractor* prepares a contract quality management plan that, where appropriate, indicates the following:

- Indicates the interface with the *Contractors* quality system and applicable documents such as procedures and work instructions
- Establishes communication channels between the *Contractor* and the *Service Manager* in respect of quality and the integration of such with the prescribed contract communication channels
- Indicates how specific subcontractors will be monitored



- Identifies items or activities for which quality control plans will be prepared
- Identifies the specifications, drawings and acceptance criteria for material for which quality control plans are not required
- Identifies the areas or processes requiring special controls
- Identifies the *Contractor's* Management Representative and personnel responsible for the control of quality activities and their relationship to the *Contractor's* management structure
- Identifies the documents which are to be submitted to the *Service Manager*
- Indicates the *Contractor's* quality monitoring programme

The *Contractor* periodically updates the contract quality management plan to reflect changes in any of the above details. The frequency of such updates is determined by the *Service Manager* but will not be greater than one year.

### Quality Control Plan

The *Contractor's* or Subcontractor's quality control plans cover inspection and test proposals for items or activities to be supplied as part of the *service*.

The quality control plan indicates the following as appropriate:

- The identification of the item.
- A list of the sequence of operations including inspections and tests.
- The identification of the specification, drawings or procedures for each operation.
- The acceptance criteria with reference to the appropriate technical specification, in-house, national or international standard and relevant clause number.
- The inspections and tests the Contractor has nominated for hold and witness points.
- Provision for inspections and tests nominated by the *Service Manager*.
- Provision for inspection status indication.
- Inspection and test records which are generated by the *Contractor*.
- Competence of the people-Level II welding inspector, Coded welders, N3 Fitters /Boiler makers
- Personnel qualifications from approved training and accredited institute
- ITPs and welding procedures
- Material certificates
- Organogram indicating the quality person and his/her duties
- Adhere to the QM58
- Follow the Eskom welding rule book

The quality control plans are reviewed by the *Service Manager* to allow for insertion of his specific requirements, including hold and witness points, prior to commencement of work. The *Contractor* does not commence work until the *Service Manager* accepts.

The *Contractor* shall comply with:

- a) The Occupational Health and Safety Act, 1993, and all Regulations made there under.
- b) All *Employer* Safety and Operating Procedures, which are attached hereto.

The *Contractor* acknowledges that he is fully aware of the requirements of all the above and undertakes to employ only people who have been duly authorised in terms thereof and who have received sufficient safety training to ensure that they can comply therewith.

The *Contractor* undertakes not to do, or not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.

The *Contractor* shall appoint a person who will liaise with the *Employer* Safety Officer responsible for the premises relevant to this contract. The person so appointed shall on request:

- a) Supply the *Employer* Safety Officer with copies of minutes of all Health and Safety Committee meetings, whenever he is required to do so.
- b) Supply the *Employer* Safety Officer with copies of all appointments in respect of employees employed on this contract, in terms of the Act and Regulations and shall advise the *Employer* Safety Officer of any changes thereto.

*Employer* may, at any stage during the currency of this agreement be entitled to:

- a) Do safety audits at the *Contractor's* premises, its work places and on its employees.
- b) Refuse any employees, sub-*Contractor* or agent of the *Contractor* access to its premises if such person has been found to commit any unlawful act or any unsafe working practice or is found to be not authorised or qualified in terms of the Act.
- c) Issue the *Contractor* with a work stoppage order or a compliance order should *Employer* become aware of any unsafe working procedures or conditions or any non-compliance with the Act, Regulations and Procedures by the *Contractor* or any of its Employees, sub-*Contractors* or agents. Stoppages of this nature will not constitute a compensation event.

List of minimum statutory appointments required (where applicable), as required by the OHS Act:

OHS Act, Section 16(2)	Employer
OHS Act, Section 17	Health and Safety Rep
OHS Act, GAR 9	Incident investigation
OHS Act, GSR 3	First Aiders

## 4 Procurement

### People

#### Minimum requirements of people employed

It is the *Contractor's* sole responsibility to ensure all its employees have permits to perform work in the Republic of South Africa. The people who are executing the work onsite need to be reflected in the safety file. New people to be approved by the Safety Officer and safety file to be revised.

#### BBBEE and preferencing scheme

Where a change in the *Contractor's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Contractor's* B-BBEE status, the *Contractor* notifies the *Employer* within seven days of the change.

The *Contractor* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Employer* within thirty days of the notification or as otherwise instructed by the *Employer*.

Where, as a result, the *Contractor's* B-BBEE status has decreased since the *starting date* the *Employer* may either re-negotiate this contract or alternatively, terminate the *Contractor's* obligation to provide the *service*.

Failure by the *Contractor* to notify the *Employer* of a change in its B-BBEE status may constitute a reason for termination will be dealt with according to the NEC3 TSC penalty/termination clauses

The contractor will be required to maintain or improve their B-BBEE Recognition Level for the duration of the contract.

**SDL&I Penalty (contractual obligation)**

- Eskom will apply a penalty of 2.5% of the Contract Value for failure to meet SDL&I obligations.
- For the duration of the contract, Eskom will retain 2.5% of every invoice (excluding VAT) as security for the fulfilment of all SDL&I Obligations. The retained amounts shall only be released to the Contractor upon fulfilment of all SDL&I obligations at the end of the contract.
- Alternatively the Contractor shall submit a bond equivalent to 2.5% of the Contract Value and shall only be released to the Contractor upon fulfilment of all SDL&I Obligations

**SDL&I Reporting & Monitoring (contractual obligation)**

- The suppliers shall on a monthly/quarterly basis submit a report to Eskom in accordance with Data Collection Template on their compliance with the SDL&I obligations described above.
- Eskom shall review the SDL&I reports submitted by the suppliers within 60 (sixty) days of receipt of the reports and notify the suppliers in writing if their SDL&I obligations have not been met.
- Upon notification by Eskom that the suppliers have not met their SDL&I obligations, the suppliers shall be required to implement corrective measures to meet those SDL&I obligations before the commencement of the following report, failing which Retention clauses shall be invoked.
- Every contract shall be accompanied by the SDL&I Implementation Schedule which must be completed by the suppliers and returned to SDL&I representative for acceptance 28 days after contract award. This will be used as a reference document for monitoring, measuring and reporting on the supplier's progress in delivering on their stated SDL&I commitments.

The requirements below will be updated upon contract award as per the agreement with the successful tenderer.

**Local Content (DTI)**

Designated material threshold local content for Steel 100% OR Department of Trade and Industry Exempt Letter

Pipes And Flanges
300NB Sched 40 Sluice Supply Hot Dip galvanised
150NB Sched 40 mill reject manifold Hot Dip galvanised
100NB Sched 40 Hopper Supply line Hot Dip galvanised
80NB Sched 40 Back Spray supply line Hot Dip galvanised
50NB Sched 40 Sluice way nozzles supply Hot Dip galvanised
25NB Mild Steel 4- valve supply Hot Dip galvanised
300NB flange SANS 1123 - 1000/3000 including Accessories
200NB flange SANS 1123 - 1000/3000 including Accessories
150 NB flange SANS 1123 - 1000/3000 including Accessories
100NB flange SANS 1123 - 1000/3000 including Accessories
80NB flange SANS 1123 - 1000/3000 including Accessories
300NB 90 degrees Elbow Hot Dip Galvanised
200NB90 degrees Elbow Hot Dip Galvanised
150NB 90 degrees Elbow Hot Dip Galvanised
80NB 90 degrees Elbow Hot Dip Galvanised
50NB 90 degrees Elbow Hot Dip Galvanised

300 NB T- Piece Sched 40 Hot Dip Galvanized
150 NB T- Piece Sched 40 Hot Dip Galvanized
Hopper Internal Doors
Ash Crusher Guards Galvanised - Top and Bottom
Ash Crusher V- Belt Guards Hot Dip Galvanised
Ash Pump Guards Hot Dip Galvanized- Top and Bottom Pulley
Sluice pump coupling guard
Hopper Cooling Coupling guard
Hopper Ash Discharge grizzly bars
200NB NRV - Hopper Cooling Line

**Skills Development (CIDB compliance)**

CIDB mandatory requirement training: 0.25% of the Construction Skills Development Goal % (CSDG)	
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**Sub-Contracting**

Contractor proposal	%

**Job Creation:**

Job Creation Target over 5 years contract duration (13-15 outages)	20 skilled, 20 unskilled
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**Corporate Social Investment (CSI)**

Corporate Social Investment: 1.5% contribution per invoice value

No money will be exchanged. In co-operation with the relevant Kriel Committee, the contractor will be approached to contribute the CSI value at the time towards a project on the identified list. The contractor will be directly involved.

**Subcontracting****Preferred Subcontractors**

The *Contractor* is to indicate on a list, the names of any sub-*contractors* whose services may be used to provide the works. The *Contractor* provides a short description of the work it is proposed to sub-contract to each sub-contractor as well as an approximate value of the work to be executed.

Where the sub-*contractor* will be required to do physical work on site the *Contractor* provides details on the experiences of the mentioned sub-contractor as well as a list of references involving work of a similar nature.

Notwithstanding the inclusion of a sub-contractor's name below, the *Contractor* obtains the written acceptance of the *Project Manager* prior to the employment of such sub-contractor on the site.

The *Contractor* will provide details of previous works and references of work done by the intended sub-*contractor*.

Sub-contracting agreements can only be concluded with one of the following entities;

- an EME or QSE which is at least 51% owned by black people;
- an EME or QSE which is at least 51% owned by black people who are youth;
- an EME or QSE which is at least 51% owned by black people who are women;
- an EME or QSE which is at least 51% owned by black people with disabilities;
- an EME or QSE which is 51% owned by black people living in rural or underdeveloped area or townships;
- a co-operative which is at least 51% owned by black people;
- an EME or QSE which is at least 51% owned by black people who are military veterans

#### **Subcontract documentation, and assessment of subcontract tenders**

Where there's an agreement between the *Contractor* and the *Employer's Project Manager* with regard to subcontracting, the *Contractor* shall ensure that the sub-*contractor* complies with the documentation requirements stated in this *Works Information*.

#### **Limitations on subcontracting**

Appointment and managing the sub-*contractor* is the full responsibility of the Principal contractor. The *Contractor* may request recommendations of sub-*contractors*

#### **Attendance on subcontractor**

The sub-*contractor*, where applicable, will attend all meetings stated in this Scope of Work

## **4.1 Plant and Materials**

### **4.1.1 Specifications**

Plant and Materials are defined as items intended to be included in the Affected Property. This will refer to replacement of worn or defective parts, routine replacement as part of regular preventative maintenance and supply of spare parts.

### **4.1.2 Correction of defects**

The *Service Manager* arranges for the *Employer* to allow the *Contractor* access if it is needed for correcting a Defect.

The *Contractor* needs to correct a Defect within one day or when the first available opportunity arises.

### **4.1.3 Contractor's procurement of Plant and Materials**

The *Contractor* will do all procurement of materials according to own procurement processes. All materials purchased by the *Contractor* to be installed to Affected Property will be kept and preserved according to the storage relevant specification. The *Contractor* may at any point be requested by the *Service Manager* to submit the storage and preserving specification for any material or plant. All plant and material to be stored at an area demarcated by the *Service Manager* and it is the responsibility of the *Contractor* to prepare the area and make it comply with the storage and preserving specification.

### **4.1.4 Tests and inspections before delivery**

The *Contractor* does not deliver those Plant and Materials which the Service Information states are to be tested or inspected before delivery until the *Service Manager* has notified the *Contractor* that they have passes the test or inspection.

All holding points on QCP should have been adhered to and signed off by both parties before accepting any material or goods on site.

#### 4.1.5 Plant & Materials provided “free issue” by the *Employer*

The *Employer* has service air operating at 600 kPa that the Contractor is allowed to use. Other facilities provided by the *Employer* can be seen in Section 5.8 of this contract.

## 5 Working on the Affected Property

### 5.1 *Employer's* site entry and security control, permits, and site regulations

- The *Contractor* applies for temporary access permits (*Contractor's* Permit) at the Security gate, prior to the Possession Date.
- The *Contractor* personnel are required to be in possession of a *Contractor's* Permit at all times.
- All *Contractor* personnel are issued with a temporary access permit (*Contractor's* Permit) which contains the following information:
  - Name
  - ID Number
  - Company
  - Validity date
- All *Contractors'* permits are submitted to Protective Services when the workers leave the site after completion of the works.
- In order to assist Protective Services with the issuing of permits and the identification of personnel on site, the *Contractor* supplies a list of all personnel that he intends using on site, at least 24 hours prior to entry of the Security Area.
- This list is delivered to Protective Services, or is faxed to (017) 615 2602
- The list, identified with the *Contractor's* name, contains the following information:
  - Employee Name
  - Employee ID Number
  - Eskom Safety Co-ordinator signature
  - *Service Manager* signature
- Copy of the first page of the ID book of every employee of the *Contractor*, photocopied to reduce the size to 65%.
- To speed up the process of gaining access to the site, the *Contractor* compiles detailed lists of all tools and equipment to be taken on site before arriving at the Power Station Security gate.
- A special Tool List form is available at Protective Services.
- An authorised copy of this list is retained to be used again when the tools and equipment is removed from site after the completion of the works.
- The *Contractor's* visitors and all personnel conform at all times to the security arrangements in force at the site.
- Application forms for visitors are filled in by the *Contractor's* Site Manager and approved by the *Employers* Representative, one day before the visit and submitted to the *Employer's* Protective Services office.
- Visitors are not allowed on site if the necessary forms are not in the possession of security staff.
- The Chief of Protective Services may, with valid cause, remove any of the *Contractor's* personnel from the site, either temporarily or permanently, without any prejudice. He may deny access to the site to any person whom, in the opinion of the said Chief of Protective Services, constitutes a security risk.
- No unauthorised vehicles are allowed on site.
- Only *Contractor's* vehicles with displayed Contract Vehicle Permits disks are allowed on site.
- Contract Vehicle Applications are directed to the *Employers* Representative.
- The *Contractor* is restricted to the working areas associated with his place of work.
- The *Contractor* is forbidden to enter any other areas, and must ensure that his employees abide by these regulations.

- Parking inside the power station is strictly forbidden, except for loading purposes.
- No recruiting of casual labour is done on Eskom premises, including the area outside the Power Station Security Gate.

### 5.1.2 Eskom Life Saving Rules:

Five Life Saving Rules have been developed that will apply to all Eskom employees, agents, consultants and contractors.

Rule 1: Open, Isolate, Test, Earth, Bond, And / Or Insulate before touch - that is any plant operating above 1 000 V.

Rule 2: Hook up at heights - no person may work at height where there is a risk of falling.

Rule 3: Buckle up – no person may drive any vehicle on Eskom business and/or on Eskom premises: unless the driver and all passengers are wearing seat belts.

Rule 4: Be sober (no person is allowed to work under the influence of drugs and alcohol.)

Rule 5: Use a permit to work – where an authorization limitation exists, no person shall work without the required permit to work.

- Kriel Power Station Health and Safety Standards
- Specifications for *Contractors* attached to the Invitation to Tender. This procedure will be handed over during tender enquiry and will enable the successful Tenderer to compile a Health & Safety plan that has to be approved by the *Employer* prior to commencement of work.
- Compliance with Eskom & Kriel No Smoking Policy
- Adhere to the OHS Act 85 of 1993
- All staff will undergo Safety Induction, presented by Kriel Risk Management Department
- *Employer's* site regulations, covering the following:
  - Clean lines
  - Storage of material
  - Safety precautions and fire prevention
  - Permits to work
  - Other *Contractor's* work
  - Representation of *sub-contractors*
  - Constant Supervision for hot work
  - Handing over of *works*
  - *Contractor's* Site
  - Disposal of waste, oil residue and sludge
  - Hot Work permit for welding
  - Working at heights
  - Working in and around an area that contains flammable substances
  - Testing for combustible gases
  - Availability of fire extinguishers when working in an area that contains flammable
  - Substances

## 5.2 People restrictions, hours of work, conduct and records

The *Contractor* provides the necessary resources to carry out the *service* as stated in the Service Information.

The *Contractor* provides everything to carry out the Service Information of this contract unless where otherwise stated in this Service Agreement. Everything that should be provided by the *Employer* is stated in this Service Agreement, anything not stated in the Service Agreement should be provided by the *Contractor* to execute the work as stated in the Service Information

It is very important that the *Contractor* keeps records of his people working on the Affected Property, including those of his Subcontractors. The *Service Manager* shall have access to all records of the *Contractor* and Subcontractor at any time when deemed necessary.

### **5.3 Health and safety facilities on the Affected Property**

Any emergency equipment or fire suppression systems to be utilized by the *Contractor* when an emergency arise

Please refer to SHE Requirements for *Contractors* – Refer to RSR0001 Heading 8.1

### **5.4 Environmental controls, fauna & flora**

General environmental requirements referred to in section 3 above, Kriel Power Station ISO14001

### **5.5 Cooperating with and obtaining acceptance of Others**

This sub-paragraph could be used to deal with two issues.

- 1) The cross reference from core clause 25.1 about cooperation generally as well as details about Others with whom the *Contractor* may be required to share the Affected Property. See clause 11.2(9) for the definition of Others.
- 2) Requirements for liaison with and acceptance from statutory authorities or inspection agencies.

### **5.6 Records of *Contractor's* Equipment**

The *Contractor* will at all times keep record of his equipment on site with relevant inspections carried out. Inspection reports should be accessible by the *Service Manager* at any given time when he deems necessary.

All equipment or tools signed in by the *Contractor* should strictly adhere to the gate access rules and procedures.

All Equipment including hired should be inspected and approved before accepted on site.

The *Contractor* will keep records of all hired Equipment to execute the Service Information

### **5.7 Equipment provided by the *Employer***

It is the responsibility of the *Contractor* to provide his Equipment list to the *Service Manager* with all calibration certificates etc.

The *Employer* provides Equipment as stated in the Service Information, anything not stated in the Service Information the *Contractor* have to provide and already accounted for in the Price List.

### **5.8 Site services and facilities**

#### **5.8.1 Provided by the *Employer***

The *Employer* will provide in the way of water, waste disposal, ablutions, fire protection and lighting (etc) on the Affected Property. Power will be provided by the *Employer* the *Contractor* needs to ensure his own cabling, connections, DB Boards and CoC certificates of installations and connections.

#### **Refuse Disposal**

The *Employer* provides special colour coded bins for refuse disposal. These bins are emptied by the *Employer* free of charge.



The *Contractor* ensures that all workers under his control strictly adhere to the correct use of refuse bins as stated in the Plant.

### **Supply of Electricity**

- *Employer* will make available to the *Contractor* 220/230-volt electrical supply free of charge from the closest existing point of supply.
- The *Contractor* is to make provision for the necessary extensions and plug points.
- All Electrical boards must be inspected and tested before connecting to a power supply and then a CoC must be issued by the *Contractor*
- The *Contractor* will adhere to the Electrical Installation Regulations of 1992

### **Medical Facilities**

- The *Contractor* provides a First Aid service to his employees and subcontractor. In the case where these prove to be inadequate, like in the event of a serious injury, the *Employer's* Medical Centre and facilities are available.
- Outside the *Employer's* office hours, the *Employer's* First Aid Services are only available for serious injuries and life threatening situations.
- The *Employer* is entitled, however, to recover the costs incurred, in the use of the above *Employer's* facilities, from the *Contractor*.

### **Toilet Facilities**

The *Employer* provides the *Contractor* access to toilet facilities.

Temporary chemical toilets are provided by the *Contractor* where deemed necessary.

### **5.8.2 Provided by the *Contractor***

- The *Contractor* shall provide, for his own use adequate size offices.
- A cleaning service must also be provided.
- Domestic rubbish will be removed free of charge.
- The *Contractor* shall dismantle and clear off site all such infrastructure at the discretion of the *Service Manager* on completion of the contract.
- No such dismantling and clearance work shall be carried out without prior approval by the *Service Manager*.
- Any electrical equipment or appliances used by the *Contractor* shall conform to the applicable South African Safety standards and Kriel standard PSR 010, and shall be maintained in safe and proper working condition.
- The *Employer* shall have the right to stop the *Contractor's* use of any electrical equipment or appliance, which in the *Employer's* opinion does not conform to the foregoing.

### **Site Location**

- The boundary of the site is within the Power Station boundary fences.
- The *Contractor* is to mark the boundaries of his site clearly.
- The *Contractor* is to ensure that all his material and equipment is always within the boundaries of his site.
- A site for the *Contractor* will be provided if needed. (The exact position will be determined on site).
- The *Contractor* will ensure further treatment of the yard area to keep all neat and tidy at all times.
- The *Contractor* shall also include for such items as security, watch and access arrangements to his yard area.
- The *Contractor* shall not occupy any site area other than that located to him
- On completion of the service on Site, all areas allocated to the *Contractor* shall be re-instated to their former condition to the satisfaction of *Employer*

**Contractor's site requirements**

- The *Contractor* supplies, installs, properly maintains and removes all temporary construction facilities and utilities necessary for the complete performance of the *service*
  - Including the following:
  -
- The *Contractor's* yard should adhere to sound housekeeping, failing with this the *Employer* may use another *Contractor* to clean up the *Contractor's* yard. These costs will be carried by the *Contractor*.
- Any damage to installed lighting is repaired at the *Contractor's* expense.
- The reticulation of electricity, water and any other services required by the *Contractor* from a supplied central distribution point.
- Hazardous Substances to be contained as per Eskom requirements.
- Transportation on and off site
- Telephone connections may be available and the *Contractor* applies via the *Services Manager* for a connection. Connection fees and calls are for the *Contractor's* account.
- Compressed air and gases
- Maintenance of lay-down and storage areas
- Electric panels and distribution wiring for erection and within *Contractor's* yard
- Security of *Contractor's* yard
- Temporary lighting to ensure safe working conditions.

**Accommodation**

The provision of accommodation for *Contractor's* personnel is the responsibility of the *Contractor*.

The *Contractor* or any of his employees or subcontractors is not allowed to use the *Employer's* dining facilities. The shop next to the main office building may be utilized by the *Contractors*.

**5.9 Control of noise, dust, water and waste .**

All waste introduced to and/or produced on *Employer's* Premises by the *Contractor* for this order, must be handled in accordance with the minimum requirements for the Handling and Disposal of hazardous waste in terms of Government Legislation as proclaimed by the Department of Water Affairs and Forestry 1994 Ref.: BN0621-16296-5. (A copy of this document is available at the Power Station for reference purposes).

Provide sufficient storage containers, labelled depicting general or hazardous waste and store in a designated storage area

No hazardous waste may be stored for a period of more than 90 days on the Kriel Power Station's premises. Ensure that all hazardous waste is disposed of at a licensed Class H disposal site. A copy of the hazardous waste disposal certificate must be submitted to the *Service Manager*.

Ensure that the *Contractor's* site does comply with the general good housekeeping practices. Redundant material will be removed to allocated sites. No scrap shall be stored in the *Contractor's* yard. Scrap is to be cleared from Site daily.

**5.10 Hook ups to existing works**

Any work performed at heights, must adhere to the correct safety standards, procedures and specifications stated in the Health and safety risk management of Kriel Power Station. Refer to RSR0001 heading 5.7

**5.11 Tests and inspections****5.11.1 Description of tests and inspections**

The *Contractor* gives at least 48 hours in advance notification to the Supervisor or the Authority for inspection/test and hold or witness points, which require their attendance. The *Contractor* confirms readiness for inspection at least 24 hours prior to the test.

The *Contractor* ensures that all work has been fully inspected, accepted and documented prior to requesting any inspection by the Supervisor.

The *Contractor* and the *Employer* provide materials, facilities and samples for tests and inspections as stated in the Service Information.

### 5.11.2 Materials facilities and samples for tests and inspections

The *Contractor* shall ensure that surfaces to be protected are inspected in order to evaluate extent of surface preparation for which he will be responsible. All inspection arrangements with Kriel Power Station Engineering Department will be made 24 hours in advance.

## 6 List of drawings

### 6.1 Drawings issued by the *Employer*

This is the list of drawings issued by the *Employer* at or before the Contract Date and which apply to this contract.

No	DRAWING NUMBER	TITLE
1	0.45/ 55546 sheet 1 to 5	Ash Handling Plant Cast Iron Ash Sump Pipe Arrangement detail drawing
2	0.45/ 4790	GA of Ash disposal piping
3	0.45/ 4788	Details of Ash disposal piping- Bends
4	0.45/ 1254	Ash sump and pump chamber concrete details
5	0.45/ 1255	Ash sump and pump chamber concrete details
6	0.45/11411	Details of sluice water pipe
7	0.45/ 1466	Ash hopper sluicing and hopper cooling water diagram
8	0.45/ 5270	Details of coal rejects sluiceways
9	0.45/ 5271	GA of Ash Sluice liners in Central Area
10	0.45/ 5272	GA of Ash Sluice liners in LH side Area
11	0.45/ 5273	GA of Ash Sluice liners in RH side Area
12	0.45/ 5274	GA of Ash Sluice liners in Hopper Area
13	0.45/ 5275	Reject Coal Sluice liner details
14	0.45/ 5276	Details of ash sluice liners
15	28.45/ 33598	Ash hopper P&I diagram
16	0.45/ 5266	Layout of sluices and pipe trenches in Ash hopper area
17	28.45/ 52058	Ash hopper liners Ash plant Boiler

# C4: Site Information

## PART 4: SITE INFORMATION

Document reference	Title	No of pages
C4	This cover page	1
	Site Information	2
	Total number of pages	3

## PART 4: SITE INFORMATION

### General description

The Kriel Power Station is situated approximately half way between Bethal and Ogies on the R545, being just over 30 km from each town and 10 km north-west of Kriel town.

Kriel Power Station is situated in a summer rainfall area with an average annual precipitation of about 750 mm falling almost entirely during the months of October to April. The average rainfall per month generally exceeds 40 mm during this period, although drought periods do occur which can last for 20 days or longer. Drought periods occur most frequently during the months of October/November and March/April. January is statistically the highest rainfall month with an average monthly rainfall of about 130 mm. June has the lowest rainfall with an average monthly rainfall of about 7 mm.

Approximately 85% of the annual rainfall occurs in the summer months and heavy falls of 125 to 150 mm occasionally occur in a single day. The annual average number of thunderstorms is about 75. These storms are often violent with severe lightning and strong (but short-lived) gusty winds and are sometimes accompanied by hail. This region has among the highest hail frequencies in South Africa; about 4 to 7 occurrences (depending mainly on altitude) may be expected annually.

January is normally the hottest month with an average daily maximum temperature of 27°C with a mean daily temperature in winter being about 16°C. Winter average daily temperatures vary from 18, 5°C maximum to -1°C minimum. The extreme temperatures recorded range from 34, 7°C to minus 12, 4°C for the period 1920 - 1984. (Source: Weather Bureau, Pretoria)

Winds are generally light to moderate except during thunderstorms. Generally the prevailing wind directions are from the North West during the day and from the east at night. During daytime, the prevailing winds are from the north-western direction. During night-time, the prevailing winds are from the north-eastern direction. The highest recorded average wind speed is 17, 6 km/hour. The average wind velocity over the year is 14, 5 km/hour.

(Source: Brewer & Conlin, 1996, Reference 4, page 2.5.)

### Existing buildings, structures, and plant & machinery on the Site

Not applicable. The *Contractor* to specify any information required if necessary.

### Subsoil information

Not applicable. The *Contractor* to specify any information required if necessary.

### Hidden services

All known services will be brought to the attention of the *Contractor* by *Employers Representative*. Should the *Contractor* encounter any other services in the work area, he will immediately bring them to the attention of the *Employers Representative* who will issue instructions as to what actions are to be taken.

The protection of all pipes, gauges and plant is of extreme importance. Should any damage take place, which is due to the *Contractors* negligence, another *Contractor* will be brought onto site to affect repairs. All costs will be to the account of the *Contractor* who caused damage.

## Other reports and publicly available information

*The assumed 1 in 10 year rainfall figures are:*

Month	Cumulative rain (mm)	No of days with rainfall > 10mm
January	200	6
February	150	6
March	120	5
April	110	4
May	40	3
June	20	2
July	30	2
August	30	2
September	60	3
October	140	6
November	160	7
December	170	6