	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

Project Name: Provision of Professional Garden Service at Kendal Power Station

Project Address: Kendal Power Station

Scope of the project: Garden Maintenance

Eskom Contract's Manager
 Name: Theo Thela

Eskom's Health and Safety Manager
 Name: Buyelwa Basholo


Eskom's Procurement Manager
 Name: Thamsanqa Mnguni

Eskom's Safety Officer
 Name: Girly Mathebula

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		


CONTENTS

1. INTRODUCTION.....	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE.....	3
2.2 NORMATIVE/INFORMATIVE REFERENCES.....	4
2.4 Abbreviations	7
2.5 Related/Supporting Documents	8
3. GARDENE MAINTENANCE	8
3.1 Scope of work	8
3.2 LEGAL COMPLIANCE	9
3.4 PERSONNEL HEALTH / HYGIENE FACILITIES	10
3.5 FOOD HANDLING HYGIENE.....	12
3.6 OCCUPATIONAL HEALTH, HYGIENE AND REHABILITATION	12
3.7 PERSONAL PROTECTIVE EQUIPMENT	12
3.8 APPOINTMENTS.....	16
3.9 ROLES AND RESPONSIBILITIES	17
3.10 RISK ASSESSMENTS.....	17
3.11 INCIDENT INVESTIGATION.....	18
3.12 EMERGENCY MANAGEMENT.....	18
4. ACCEPTANCE.....	19
5. REVISIONS.....	19

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

1. INTRODUCTION

Eskom's responsibility and commitment is to ensure a safe working environment is in line with its Safety, Health, Environmental and Quality Policy, along with legislative obligations.

This SHE specification is Eskom's minimum requirements which are required to be met for the specific contract and for the duration of the contract period by contractors and where required, the delivery organisation.

The contractor is expected to develop a SHE plan which meets these requirements as well as all the relevant applicable legislation they conform to.

Eskom in no way assumes the contractor's legal responsibilities. The contractor is and remains accountable for the quality and the execution of his/her health and safety programme for his/her employees and appointed contractor employees.

This SHE specification reflects minimum requirements and should not be construed as all encompassing.

Note 1: All the requirements listed hereunder are in relation to the contract and do not supersede or replace any organizational SHE requirements.

Note 2 : In terms of Eskom requirements, a section of this professional contract falls within the requirements of the Construction Regulations.

Although there are requirements listed in this specification that do not pertain directly to air charter, the requirements are expect of an air charter contractor business to conform to. These requirements are in line with Eskom's Zero Harm value.

Where requirements listed are already in place, then the organisational requirements must be taken cognisance of and listed in the respective SHE plans. If there are any additional Eskom and or legislative requirements listed in the SHE specification, then these must be addressed.

2. SUPPORTING CLAUSES

2.1 SCOPE

This SHE specification lists the legislative and Eskom requirements and where applicable, any requirements pertaining to Local Authorities / Municipal by-laws / Environmental legislation that must be met by the contractor.


2.1.1 Purpose

This document will provided a standardised approach to the compilation of SHE specifications throughout Eskom for contracts and standard and NEC 3 contracts.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

2.1.2 Applicability

This SHE specification is applicable to any contracting organisation who intends tendering for the contract.

2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

- [1] Basic Conditions of Employment Act No 75 of 1997.
- [2] Occupational Health and Safety Act and Regulations No 85 of 1993.
- [3] National Disaster Management Act 57 of 2002
- [4] National Environmental Management Act 107 of 1998.
- [5] National Environmental Management: Biodiversity Act (Act 10 of 2004
- [6] The Environmental Conservation Act, 1989 (Act No. 73 of 1983)
- [7] Agricultural Pest Act, 1983 (Act No. 36 of 1983).
- [8] National Road Traffic Act 93 of 1996.
- [9] 32-37 Eskom Substance Abuse Procedure.


2.2.2 Informative

- [10] 32-726 Mandatory SHE Requirements for Eskom Procurement and Supply Chain Management
- [11] 240-62196227 Eskom Life Saving Rules
- [12] Tobacco Products Control Act 83 of 1993 (Updated 2011.05.19)
- [13] SANS 1186 Symbolic Safety Signs
- [14] Constitution of the Republic of South Africa No 108 of 1996
- [15] 32-95 Eskom Procedure Manual for Performing Occupational Health & Safety Management & Environmental Management : Conducting EH&S Incident Management,

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		


2.3. DEFINITION

Definition	Explanation
Appointed contractor	Means a contractor appointed by the principal contractor
Baseline assessment risk	(32-520) baseline operational risks refer to the health and safety risks associated with all standard processes and routine activities in the business
Client	Eskom representative (Internal – Asset Owner), also referred to as the contract administrator/custodian or agent or project manager (as defined in the contract). He/she is the person responsible for ensuring that the works or services are executed in terms of the contract, as well as adherence to legislation pertaining to the contract.
Competent person	(OHS Act) means any person having the knowledge, training, experience, and qualifications, specific to the work or task being performed, provided that, where appropriate, qualifications and training are registered in terms of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995)
Contractor – includes appointed contractor	means an employer as defined in section 1 of the Act who performs contract work and includes principal contractors
Consultant	means a person providing professional advice
Covid19	means Corona Virus Disease 2019
Duty of care to the environment	(32-136) anybody who causes or has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing, or recurring. If such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, such person must minimise and rectify such pollution or degradation of the environment
Employee	(OHS Act) means, subject to the provisions of subsection (2), any person who is employed by or works for an employer and who receives or is entitled to receive any remuneration or who works under the direction or supervision of an employer or any other person
Employer	(OHS Act) means, subject to the provisions of subsection (2), any person who employs or provides work for any person and remunerates that person or expressly or tacitly undertakes to remunerate him/her, but excludes a TES (ex labour broker) as defined in section 1(1) of the Labour Relations Act 1956 (Act No. 28 of 1956)
Eskom requirements	a) Eskom requirements flowing from directives, policies, standards, procedures, specifications, work instructions, guidelines, or manuals
Hazard	(OHS Act) means a source of, or exposure to, danger
Hazard identification	(OHS Act) means the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed
Health and safety file	(OHS Act) means a file or other record, containing the information in writing required by the construction regulations.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.


	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

Health and safety plan	(OHS Act) means a site, activity or project specific document plan in accordance with the client's health and safety specifications.
Health and safety specification	(OHS Act) means a site, activity or project specific document prepared by the client pertaining to all health and safety requirements related to construction work.
Health and safety requirements	means comprehensive health and safety requirements for a contract, project, site, and scope of work. This specification is intended to ensure the health and safety of persons, both workers and the public, and the duty of care to the environment. The health and safety requirements must be specific to each contract, project, site, and scope of work
Medical certificate of fitness	(OHS Act) means a certificate specific to the work to be performed and issued by an occupational health practitioner in the form of Annexure 3 of the construction regulations.
Medical surveillance	(OHS Act) means a planned programme or periodic examination (which may include clinical examinations, biological monitoring, or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner
Method statement	(OHS Act) means a written document detailing the key activities to be performed in order to reduce, as reasonably as practicable, the hazards identified in any risk assessment
Organisation	may be defined as a group of individuals (large or small) that is cooperating under the direction of executive leadership in accomplishment of certain common objects
Pre-job meetings	(34-227) means a meeting that is held prior to the commencement of the day's work and that is attended by all the relevant employees associated with the work task
Principal contractor	(In the text of this document) Means an employer, as defined in section 1 of the OHS Act, who intends to tender for or has signed a contract with Eskom for services rendered.
Provincial director	(OHS Act) means the provincial director as defined in Regulation 1 of the General Administrative Regulations under the Act
Responsible Manager	Is a Manager of a department, section or operating/business unit who has been appointed as part of the Eskom delegation of authority process with the aim to assist the applicable 16(2) assigned person in executing his/her duties in terms of the Occupational Health and Safety Act
Risk assessment	(OHS Act) means a programme to determine any risk associated with any hazard at a construction site in order to identify the steps needed to be taken to remove, reduce, or control such hazard.
Site	(34-228) means an Eskom department, unit, complex, building, specific project, work site, or the site where agents, clients, principal contractors, contractors, suppliers, vendors, and service providers provide a service to Eskom, directly or indirectly
Service provider	any private person or legal entity that provides any service(s) to Eskom for compensation

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

Task	(34-227) a segment of work that requires a set of specific and distinct actions for its completion
Toolbox talks	(34-227) where the team leader, after conducting pre-task planning, shares all the tasks at hand and discusses task allocation, the identified risks, and the control measures with all his/her team members on site before commencing a specific task and documenting the agreed strategy. (This shall be done to ensure common understanding of the tasks, risks, and control measures required.)
The Act	(OHS Act) means the Occupational Health and Safety Act No. 85 of 1993, as amended, and the Regulations thereto
Visitor	any person visiting a workplace with the knowledge of, or under the supervision of, an employer.


2.4 Abbreviations

<i>Abbreviation</i>	<i>Description</i>
BU	Business Unit
CE	Chief Executive
COID Act	Compensation for Occupational Injuries and Diseases Act
CR	Construction Regulations
DMR	Driven Machinery Regulations
DoL	Department of Labour (Inspection and Enforcement services – Provincial office)
EP	Emergency Preparedness
EAP	Employee Assistance Program
ERfW	Environmental Regulations for Workplaces
GAR	General Administrative Regulations
GSR	General Safety Regulations
HCS	Hazardous Chemical Substances
LDV	Light Delivery Vehicle
MSDS	Material Safety Data Sheets
NEMA	National Environmental Management Act
OHS Act	Occupational Health and Safety Act and Regulations, 85 of 1993
SABS	South African Bureau Standard
SANS	South African National Standard

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

2.5 Related/Supporting Documents

Eskom OHS Act section 37 (2) agreement (to be completed by the contract responsible manager).

3. Garden Maintenance

3.1 Scope of work

To provide a scientific identification, eradication, monitoring and control of terrestrial alien and invasive species in and around Eskom Kendal land to comply with The National Environmental Management: Biodiversity Act (Act 10 of 2004) and the Alien and Invasive Species Regulations.

The Contractor must compile the list of the Listed Invasive Species under Section 70(1) of NEMBA that occur within the Kendal Power Station land.

The prioritization of the land parcels in the management unit compartments relates to areas of high biodiversity, water security, and risk of veld fires, erosion, siltation and flooding.

Professional Garden Service and eradication of vegetation using herbicides to control growth in certain sensitive areas around Kendal Power Station, including Ash dump, Sewerage plant, and all areas that fall under Kendal will include the following:-

- Mowing and edge trimming
- Bed cleaning
- Pruning
- Thinning out
- Garden waste removal
- Firebreaks maintenance
- Indoor Plant Maintenance
- Tree Maintenance


A copy of the scope of works must be retained by the contractor.

Note: The contractor who will be awarded this contract will be known as the “principal contractor” and any contractor appointed by the principal contractor will be known as the “appointed contractor”.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

3.2 LEGAL COMPLIANCE

3.2.1 Section 37(2) (Legal) Agreement

A section 37(2) agreement must be signed between Eskom and the principal contractor at the time of awarding the contract. The principal contractor must ensure that a section 37(2) agreement is compiled between the principal contractor and all their appointed contractors for the contract.

The original copy of the section 37(2) agreement must be retained by the contractor and a copy retained by the responsible manager.

A copy all the agreements must form part of the respective contractor's SHE file.

3.2.2 Hazardous Work by Children (Child Labour)

The constitution of the Republic of South Africa, in the "Bill of Rights" is clear on the rights of children, especially when it comes to:

1. being protected from exploitative labour practices;
2. not to be required or permitted to perform work or provide services that
 - i. are inappropriate for a person of that child's age; or
 - ii. place at risk the child's well-being, education, physical or mental health or spiritual, moral or social development;

and the Basic Conditions of Employment Act, Chapter six Section 43 "Prohibition of employment of children".

Before resorting to the use of child labour, due consideration must be given to the rights of the child in terms of the constitution. Where work is being performed which is not prohibited in terms of the constitution, then such work must be conducted in terms of the OHS Act "Regulations on Hazardous Work by Children in South Africa" with emphasis on paragraph 2 Purpose and Interpretation. Eskom does not condone the use of child labour and therefore all effort must be exercised and child labour should not be used.

3.2.3 OHS Act

The principal contractor and appointed contractors shall have an up to date copy of the OHS Act and regulations which will be available to all employees.

3.2.4 Legislative Compliance


All contractors will comply with all the legislation pertaining to this contract being:

- The Constitution of the Republic of South Africa (particularly Section 24 of the Bill of Rights).
- Occupational Health and Safety Act 1993 (Act 85 of 1993) and its Regulations.
- Compensation for Occupational Injuries and Diseases Act.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

3.3 ESKOM REQUIREMENTS

All contractors shall, before commencement of the charter insure that all their employees are familiar with the relevant Eskom SHE documentation that is applicable to charter services.

3.3.1 Appointment of a Contractor

The principal contractor will be appointed by Eskom on the awarding of the contract and will be responsible and accountable for all legislative and Eskom requirements for the duration of the contract.

3.3.2 Appointment of sub-contractors

The principal contractor may appoint contractors to assist in the contract. All appointments shall be done in writing and will form part of the SHE plan that is required to be submitted to Eskom. Adequate training and instruction must be given to the appointees and the principal contractor must ensure that all the appointed contractors understand their roles and responsibilities.

Note: Copies of contractor appointments must be kept in the respective SHE file.

3.3.3 SHE Policy

A SHE policy is a statement of intent and a commitment by the organisation's CE and senior management in relation to the relevant SHE roles and responsibilities, the achievement of their strategic objectives, values of integrity, customer satisfaction, excellence, and innovation.

The principal contractor and all appointed contractors, if already not in place, will be required to compile an organisational SHE policy in line with their SHE responsibilities. The policy must be signed by the organisation's CE or the appointed assistant to the CE OHS Act Section 16(2). The policy must be displayed in a prominent place within the workplace. A copy of the policy must be filed in all the contract SHE files and as an annexure the SHE Plans

3.3.4 COID

The principal contractor and all his/her appointed contractors shall be registered with an appropriate employment compensation commissioner and have available a valid letter of good standing (LoGS) from such commissioner. The obligation lies with the contractors to ensure that the LoGS remains valid throughout the contract period. A copy of the LoGS must be filed in the entire contract SHE files and as an annexure the SHE Plans.

3.4 PERSONNEL HEALTH / HYGIENE FACILITIES


3.4.1 Dining areas

Where Eskom employees are required to consume food and refreshments at your premises, the following must be complied with:

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

1. The contractor must in possession of the Certificate of acceptability, comply with Regulation 916 (Food)
2. Undergone Safety Audit as per SANS 10049: Water Sample tests done, Microbiological tests done, Audit of the food Safety process done.
3. Dining areas shall have suitable and sufficient tables and chairs for seating whilst eating.
4. Adequate provision must be provided for washing cooking and eating utensils.

Dining and kitchen areas shall be kept in a clean, tidy and hygienic manner.

3.4.2 Ablution facilities

At the workplace, where possible, the all contractors must attempt to provide sufficient portable ablution facilities for the employees. Such facilities must be serviced regularly

3.4.3 Drinking Water

All contractors shall provide suitable drinking water for all their employees I (free of charge) whilst working in the field. Every effort must be made to keep the water as cold as possible.

3.4.4 Changing areas and Lockers

All contractors shall provide suitable changing facilities for employees, irrespective if they change at the premises or at the workplace. Once again, cognisance must be taken of the dignity of fellow workers and members of the public.

3.4.5 Camp / Office Welfare


The following welfare facilities must be provided for in a clean and suitable condition, unless agreement with the Client/Agent's representative has been confirmed regarding the use of existing facilities:

- a. Shower facilities.
 - b. Sanitary facilities.
 - c. Changing facilities.
 - d. Eating areas.
 - e. Drinking water at strategic locations on site.
 - f. Safe pedestrians walk ways.
1. Water for drinking/consumption purposes shall be drawn only from taps in dining areas and ablution blocks and at points on Site marked "drinking water".
 2. No equipment or system shall be connected onto the drinking water system without prior approval of the Client/Agent's representative.
 3. All contractors must supply a sufficient amount of (cool) potable water on each worksite and in vehicles
 4. The Contractor will be required to provide their own accommodation for the workers.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

3.5 FOOD HANDLING HYGIENE

3.5.1 Storage

Where camps are established, adequate cold storage must be supplied for the storage of food.

3.5.2 Transportation

Where bulk purchasing is carried out, all food must be transported in appropriate sealable containers.

3.5.3 Handling

Where camp cooks are employed the appropriate hygienic conditions within the kitchen and utensil washing facilities must be maintained.

3.6 OCCUPATIONAL HEALTH, HYGIENE AND REHABILITATION,

All contractors are required to develop an Occupational Health, Hygiene and Rehabilitation program. The program is intended to ensure that the risks to health are identified and controlled.

3.6.1 Medicals


Note: Eskom will only accept medical surveillances conducted by an Occupational Health Practitioner who holds a qualification in occupational health.

1. Principle contractors must ensure that their and their appointed contractors have a medical surveillance program whereby their employees under go entry, periodic and exit medical fitness examinations.
2. In order for the appropriate medical examinations to be conducted, each employee must have a person job specification (profile), which must indicate the description of work, list of hazards and potential occupational exposure limits, physical hazards and required physical attributes.
3. For employees working on the contract, medical fitness certificates shall be renewed annually for employees who are not office bound including drivers and once every 3 years for employees that are office bound. This shall be maintained until completion of the contract.
4. The Principal Contractor must ensure that his / her employees and sub-contractor employees have undergone pre-entry medical examination before starting work on the contract, should it be for longer than three (3) days.
5. The principal contractor shall provide a documented process for managing those employees who are issued with a conditional certificate of fitness.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

3.6.2 Health and wellness HIV / Aids

Contractors shall submit details of their Employee Health and Wellness Programme as part of their Health and Safety Plan which should include awareness training, support for contracted illness and sharing knowledge with members of the public in the immediate work environment

3.6.3. Employee Assistant Program (EAP)

- Where principal contractors and contractors do not have EAP service providers, then Eskom's EAP service provider is available to provide assistance.
- All costs are to be borne by the principal contractor. Details are: ICAS – Tel. No.: 0800 611 059.

3.6.4. Thermal Condition

- Contractors must protect their employees against the natural thermal conditions, by providing sufficient and suitable cold weather gear for the winter months and suitable rain wear for the rainy seasons.
- In hot conditions, contractors must prevent the effects of heat fatigue and heat exhaustion by providing sufficient rest periods, shade cover and re-hydration mineral replenishment fluids.
- Where the heat index and the humidity levels reach the required dangerous levels, contractors shall stop work for that period. Suitable drinking water shall be provided.

3.6.5. Rehabilitation

- Where any contractor's employee is injured at work to the extent that they require rehabilitation, then this must be given, using the services of an appointed rehabilitation organisation.

3.6.6. Noise

- All employees who are exposed to noise must be educated, trained and made aware of the harmful effects of long-term exposure to high noise levels. They must be provided with adequate hearing protection where necessary and record must be kept of equipment issued.
- Noise zones must be demarcated with the appropriate signboards.
- The following areas should be considered, e.g. where compressors, jack hammers, explosive tools, riveting tools, etc. are used.
- Kendal Power Station has a sound measuring equipment and will do sound level tests (noise surveys) on a periodical basis. As a service to Contractors sound level tests/noise surveys will also be conducted on request.


3.6.7. Heat

- When employees are expected to work in hot conditions, an environmental certificate as per the requirements of plant safety regulations should be provided after temperature measurements were conducted.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

- When employees are working in hot conditions, clean cool water must be supplied within easy access to all workers. For every hour, an employee should be provided with 600ml of water.
- Employees must be made aware of the dangers of heat exhaustion / stroke and the signs and symptoms of impending heat collapse.
- Employees should be provided with first aid access when working in a heat stress environment
- These employees should be declared fit (by an occupational health nurse or an occupational medical practitioner) on an annual basis for working in such a hot environment
- When working in hot conditions, frequent and extended rest periods must be provided in accordance with the occupational health and safety act 1993.

N.B: Salt tablets must not be used.

3.6.8. Illumination

- Adequate and sufficient illumination is essential and where it is insufficient the contractor must make additions and provide portable lights to ensure safe working conditions at all times.
- Ensure that all roof lights; light fittings and fanlights are kept clean and unobstructed. When use is made of artificial lighting where machinery is being used, all moving parts must be clearly visible. Illumination provided must be so designed to avoid glare, reflections and stroboscopic effects.

3.6.9. Dust


- All employees must be made aware of the inherent dangers of dust. Employees must take such measures as may be necessary to decrease the generation of dust in the workplaces.
- Warning signs must be posted where dust exposure is likely to exceed the occupational exposure limit (OEL).
- The use of Thermal Insulation materials containing asbestos is not allowed at Kendal Power Station.
- Where any process necessitates the breaking up, demolition, stripping, grinding, pulverizing, crushing or cutting of asbestos cement products, Safety risk management must be notified of the quantity and location. Such an activity can only proceed with permission from the Safety Risk Management after consultation with the department of labour.
- Employees performing the task will be trained accordingly.
- Where employees are exposed to dust such as silica, asbestos cement, fibreglass and cement etc. Adequate protective clothing and appliances must be provided.

Note: The use of compressed air to blow areas or individuals cleaning is strictly prohibited.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

3.6.10. Covid-19

The Contractor and his contractors shall ensure compliance with the requirements of the Disaster Management Act, 2022 (Act No.57 of 2002), COVID-19 Direction on health and safety in the workplace GG 43400. The Contractor shall ensure all COVID related cases are managed in terms of the requirements of this direction and that there is immediate reporting to the client. Retain and maintain COVID 19 related documentation in the SHE file not limited to Risk assessment, Policy, appointment of compliance officer, PPE issue records etc.

3.6.11. Hazardous Chemical Substance

- When HCS are brought onto site, Kendal Power Station Integrated Risk Management must be provided with the following information:
 - Name of manufacturer.
 - Copy of the label on the container.
 - Material safety data sheet.
- Handling and storage of toxic materials must be according to the manufacturer's specifications and persons handling the substances must be fully trained on its hazards, risks and safe use.
- Adequate precautions must be taken when toxic substances are used, e.g. notices posted, demarcation and warning signs.
- Personal protective clothing must be provided and employers must ensure the correct usage and compliance with a recognized code.
- Adequate measures must be taken to remove harmful gases generated from the working environment.
- An assessment must be conducted to determine which employees are exposed to HCS.
- The contractor must supply Eskom Kendal Power Station with the risk assessment report. Where there is a risk of exposure by inhalation, air monitoring should be conducted. Refer to hazardous chemical substances regulation 6. Employees that are at high risk of exposure should be under medical surveillance. Refer to hazardous chemical substances regulation 7(1) (c).


3.7 PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS

- The Principal contractor must provide a detailed programme that includes the issuing, maintenance and replacement of PPE for all his employees and appointed contractors on site.
- All contractors shall comply with the requirements of GSR 2 of the OHS Act.
- The risk based PPE matrix must be compiled detailing the types of PPE that is required to be issued to employees performing the respective tasks.
- Where there are unusual instances where particular activities require additional type of PPE, then a risk assessment must be conducted where such PPE requirements will be identified and the issuing be carried out.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

- All contractors shall ensure that their visitors wear and use the correct PPE whilst on worksites.
- Where PPE is required and visitors are not in possession of, then it is the individual contractor's responsibility to provide the PPE.
- All PPE purchased and used by all contractor employees including visitors must comply with the relevant SANS standards.
- Where deemed as a requirement, then high visibility vests shall be worn.

3.8 APPOINTMENTS


For the duration of the contract, the principal contractor and all appointed contractors shall appoint competent employees who will meet the requirements of the OHS Act. Where appointments are made, contractors shall ensure that the appointees have been suitably trained and or informed of their responsibilities before getting them to accept such appointment. The relevant statutory appointments shall be made in accordance with the requirements of the OHS Act which includes the requirement of a competent person being appointed in the relevant roles. The statutory appointments should include but not limited to: Fire Fighter and Evacuation warden, First Aider, 16(2) appointment.

Legal appointments	Recommended minimum training /proof of competency
OHS Act: section 16(1) Employer (n/a)	OHS act and Regulation ,COIDA, Incident investigation, HIRA ,Legal Liability
OHS Act: section 16(2) Employer / site manager section 8	OHS act and regulations, COIDA, Construction Regulations, Incident investigation, HIRA, Legal Liability
OHS Act: Section 17 Health and Safety Representative	Health and Safety Rep Training
OHS Act :Sec. 19(3) Chairperson of Safety, Health and Environmental Committee	OHS act and regulations
GSR 3(4) First aiders	First Aid Level 2
Firefighting Equipment Inspector	Basic fire extinguishing handling course /Firefighting course
GAR 9(2) Incident/Accident Investigator	RCAT / incident investigation
OHS act Section 8 Site Supervisor	Supervisory Course OHS, HIRA, OHS act and regulations, COID, Incident investigation, Legal Liability

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

OHS act section 8 Assistant Site Supervisor	Supervisory course , HIRA, OHS act and regulations, COIDA, Incident investigation, ORHVS, Legal Liability
Health and Safety Officer	SAMTRAC or equivalent or above e.g. National Diploma Safety Management
OHAS act section 8 (2) Person to Compile Risk Assessments	Hazard Identification and Risk assessment
Vehicle and Mobile Plant Operator / inspector (Driven machinery or CR 23)	Driver's license/ operator certificate for fork lifts
SHE Representative (OHS Act Sec 17(1))	Principle of SHE Rep training
OHS Act Section 19 (3) - Health and Safety Committee Member (as per criteria in sec 19 of the OHS act)	OHS act and regulations, COIDA, Construction Regulations, Incident investigation, HIRA, Legal Liability
ERW 9 Evacuation Warden	Evacuation officer training
Covid19 Compliance Officer	OHS act and regulations, COIDA, Construction Regulations, Incident investigation, HIRA, Legal Liability

3.9 ROLES AND RESPONSIBILITIES

All contractors are required to list employee's roles and responsibilities pertaining to the contract.

3.10 RISK ASSESSMENTS


It is a legal requirement in terms of Section 8 (2)(d) of the OHS Act for an employer to carry out risk assessments to establish what hazards to the health and safety of persons are attached to any work which is performed, any article or substance which is, handled, stored, transported. A risk assessment is defined as an identification of the hazards present in an organisation and an estimate of the extent of the risks involved, taking into account whatever precautions are already being taken. It is essentially a three stage process:

- identification of all hazards;
- evaluation of the risks;
- measures to control the risks.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

Risk assessments are required to be maintained. This means that significant changes to a process or activity, or any new process or activity should be subjected to a risk assessment and that if new hazards come to light during the work process, then these should also be subjected to risk assessments. Risk assessments for long term processes should be periodically reviewed and updated. Method statements or written safe work procedures are an effective method as information and record of the way jobs / tasks must be performed. Prior to start of work, risk assessments on every job / task are ideal to allow managers and employees to assess any inherent risks that could have been overlooked during the initial risk assessment or any changes that might have occurred in a period of absence. In particular, if a job / task is extended over a day or halted due to inclement weather.

3.11 INCIDENT INVESTIGATION

All incidents shall be investigated in terms of OHS Act General Administrative Regulations 8 and 9, using Eskom Procedure 32-95 as a reference, and where injuries as contemplated in sections 24 and 25 have been sustained, be reported to the Department of Labour.

Contractors shall use the standard General Administrative Regulation Annexure 1 "Recording of an Incident" form for all incident investigation reports. The objective of incident investigation, not only being a legal requirement, is to establish why and how the incident occurred, but to find out the real causes of the incident and to decide on precautionary measures that are required to address the causes to prevent any further recurrences of the same or similar incidents.

3.12 EMERGENCY MANAGEMENT

1. The art of emergency preparedness and response is to minimise the effects of any emergency and to restore normal activities as soon as practical. The supplier must develop their own emergency response in their work premises. The Eskom employees attending training must be made aware of the emergency process and the assembly points. Where any office and or site is located within any Local Authorities area, then the plans must include their involvement. Emergency preparedness

Periodic emergency drills must be undertaken to test the effectiveness of the plan. This must be recorded and provided on request.


3.12.1 Non-Conformance and Compliance

1. Any non-compliance to any health and safety requirement in this SHE specification is subject to discipline in terms of the Eskom Procurement and Supply Management Procedure.
2. Principal contractors are required to implement a non-conformance procedure (if not already in place) for issuing to contractors for transgressions. The procedure can include "quality" related non-conformance issues. Similarly, appointed contractors must implement a non-conformance procedure.
3. The procedure for the issuing and closing off of non-conformance reports shall be strictly adhered to.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	SHE SPECIFICATION Provision of Garden Maintenance at Kendal Power Station	Template Identifier	240-73418055	Rev	2
		Document Identifier	1015696	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2021		

4. Contract management must close out non-conformances issued, in not doing so, will not ensure that any recommendations made have been carried out and or implemented.
5. Where non-conformances are issued by Eskom, then one of the close-out steps of the procedure will be for the offender to be called on by the contractor responsible manager to explain the non-conformance issued and what they intend doing to prevent a recurrence of the non-conformance.
6. Contractor failure to provide adequate PPE to their employees for the tasks being performed and/or to visitors and failure to enforce the wearing of such PPE will be viewed as a transgression of the legislative and Eskom requirements.

4. ACCEPTANCE

- Theo Thela
- Buyelwa Basholo
- Thamsanqa Mnguni

5. REVISIONS

Date	Rev.	Compiler	Remarks
August 2021	0	G Mathebula	This provides the initial SHE specification requirements that must be met by the relevant contractors who have been awarded a contract for the work to be performed for Garden Maintenance at Kendal Power Station.

Public

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.