 Eskom	<b>Procedure</b>	
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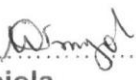

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## **1. INTRODUCTION**

The control and execution of engineering changes on new build and/or refurbishment projects is critical in ensuring sustainable performance. All engineering changes must be correctly prepared, motivated, reviewed, approved and authorized before they can be implemented.

This procedure defines a standardised process for all Eskom new build and/or refurbishment projects to be followed when conducting an engineering change to an established baseline.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

The need for an engineering change on a new build and/or refurbishment project must be captured through an approved application system and follow due process for resolution. This procedure provides for the registration of all Project Change Request (PCR) and for reporting on the status of all PCR that impacts on the engineering baseline while the actual engineering work is processed outside of SPO Application System using Eskom engineering governance practices.

As stipulated in the Engineering Change Procedure, the approach shall provide assurance that the systematic evaluation of proposed solutions adhere to project, regulatory, client, and quality standards and requirements.

#### **2.1.1 Purpose**

The purpose of this procedure is to ensure that the Eskom Design Base shall be managed in such a way as to enable sustainable achievement of Eskom's business goals, by controlling changes to the Design Base during the execution of a project. The procedure must be applied to ensure that an effective process for controlling changes to the design base and for managing changes to a baseline is performed in a controlled manner. Any proposed changes shall be traced, thereby maintaining the integrity of the Design Base and demonstrating compliance with auditable traceability.

#### **2.1.2 Applicability**

This procedure shall apply to all personnel involved in engineering changes executed on new build and/or refurbishment projects. All parties interfacing with or working for Eskom Holdings SOC Ltd and its subsidiaries are required to comply. It, however, does not apply to nuclear environments.

### **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] 240-4332798:Engineering Policy
- [2] 240-53113685:Design Review Procedure
- [3] 32-1155:Eskom PLCM Policy
- [4] 240-53113704:Design Base Standard

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- [5] 240-42366126:Process Control Manual (PCM) – Control Change on the Project
- [6] 240-46693733:Process Control Manual (PCM) – Manage Technical Queries
- [7] 240-51093273:Process Control Manual (PCM) – Control Configuration Changes
- [8] 240-44271204:Process Control Manual (PCM) – Manage Engineering Delivery

### 2.2.2 Informative

- [9] 240-53665024: Engineering Quality Manual
- [10] 240-53114190: Internal Audit Procedure.

## 2.3 DEFINITIONS

**Table 2-1 - Definitions**

Approve	The functional responsible person determines if the document is fit for purpose and approves the document content and therefore takes responsibility and accountability for the document content.
Asset/Plant	Machinery, property, buildings, vehicles and other items and related systems that have a distinct and quantifiable business function or service
Authorise	The document authoriser authorises the release and application of the document and is accountable for document implementation.
Engineering Change	Any permanent or temporary change, deletion or addition to any system, equipment, structure including permanent changes to operating/protection/control set points, software and technical documentation which will result in any deviation from original or existing SSC design and/or specification or established baseline. This includes the replacement of SSC components with equivalent components of a different make or type.
Engineering Change Classification	The categorisation of a modification depending on the level to which it affects safety, the environment, reliability, availability and costs
Engineering Change Management	Engineering Change Management ensures all engineering changes are correctly prepared, motivated, reviewed, approved, controlled and recorded.
Engineering Change Prioritisation	Selection criteria, as part of the Engineering Change process that will guide the engineer and the CCC's on the priority of the engineering change into different levels. This will be dictated by the specific business.
Engineering Change Request	The entire document package containing the Engineering Change Proposal, feasibility study, design package, reviewers report, implementation plan, works information schedule, commissioning procedures and the completion schedule. These documents will bear the approval signatures relevant to the engineering change classification and those signatures required for authorisation prior to implementation and Return to Service
Engineering Change Requestor	The engineering change requestor can be any stakeholder (engineering or non-engineering) on the project. This includes any engineering change request originating from engineering,

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	contractors, project management or construction, etc.
Engineering Design Work Lead (EDWL)	EDWL is the ECSA (or international equivalent) professionally registered engineer/technologist delegated by the relevant Centre of Excellence (COE) to coordinate the COE specific activities for the particular package/plant system/asset such as Protection, Telecommunications, Control, Metering, Turbine, Boiler, Bulk Materials Handling (BMH), Civil, Electrical, Control and Instrumentation (C&I), Chemical, Low Pressure Services (LPS) etc. The EDWL is declared competent by his/her respective COE manager.

## 2.4 ABBREVIATIONS

Table 2-2 – Abbreviations

Abbreviation	Description
B2B	Back 2 Basics
BMH	Bulk Material Handling
CC	Change Coordinator
CCC	Change Control Committee
CCCC	Central Change Control Committee
CoE	Centre of Excellence
DMS	Document Management System
ECCC	Engineering Change Control Committee
ECM	Engineering Change Management
ECN	Engineering Change Notification
ECR	Engineering Change Request
EDWL	Engineering Design Work Lead
LDE	Lead Discipline Engineer
LPS	Low Pressure Services
GM	General Manager
RTS	Return to Service
PCCB	Project Change Control Board
PCR	Project Change Request
PM	Project manager
SGM	Senior General Manager
SM	Senior Manager
SPO	Smart Plant Enterprise Owner Operator
SoW	Scope of Work
SSC	System Structure or Component
WI	Works Information
URS	User Requirement Specification

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## 2.5 ROLES AND RESPONSIBILITIES

**Table 2-3 – Roles and Responsibilities**

<b>Role</b>	<b>Responsibility</b>
<b>Change Coordinator (CC)</b>	The person(s) in charge of managing the permanent or temporary configuration to structures, systems, components or technical content of prescriptive or descriptive documentation that form part of the design and/or asset base and updating SOP to reflect the latest status of an ECN/PCR.
<b>Engineering Design Work Lead (EDWL)</b>	<p>The EDWL shall ensure that the engineering change request is relevant, reviewed and fit for purpose to be implemented on the relevant plant area(s). The EDWL shall verify that the engineering change impact assessment team is duly constituted of all affected stakeholders and COE representatives.</p> <p>Typically on New Build projects the EDWL role is fulfilled by the Lead Discipline Engineer (LDE). Typically on existing asset projects the EDWL role is fulfilled by the relevant System Engineer.</p>
<b>Engineering Change Requestor</b>	The engineering change requestor has the responsibility to ensure that the engineering change and relevant documentation is based on accurate and correct information and that the proposed change will, or has the potential, to improve plant performance, safety, investment protection, operability and / or supports the plant life cycle. The engineering change requestor also has the responsibility to register the request on the project change register with the relevant Change Co-ordinator.
<b>Engineering Change Control Committee (ECCC)</b>	<p>A committee/individual appointed by the Project Engineering Manager Engineering. Their responsibilities include:</p> <ul style="list-style-type: none"> <li>• Authorising the proposed Level 1 and Level 2 engineering changes</li> <li>• Authorising the engineering change based on the principles, use of technologies, and alignment to the process and procedure</li> <li>• Confirming the engineering change impact (change classification, environmental assessment, risk ranking, priority and technical content, etc.)</li> <li>• Performing change level classifications</li> <li>• Periodical reviews of Level 3 changes</li> </ul> <p>*The responsibilities of the committee could be delegated to one person in certain instances</p>
<b>Impact Assessment Team Leader</b>	<p>An appropriate and qualified System/Project Engineer, who has the training, technical qualification and expert knowledge of the plant or systems affected by the engineering change. The impact assessment team leader shall be selected by the EDWL and his/her function is to:</p> <ul style="list-style-type: none"> <li>• defines the impact assessment team</li> <li>• leads the impact assessment</li> <li>• compile the engineering change report</li> </ul>
<b>Impact Assessment</b>	The impact assessment team is defined by the impact assessment team

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<b>Role</b>	<b>Responsibility</b>
<b>Team</b>	leader. The impact assessment team shall consist of all affected stakeholders and COE representatives. Each member of the impact assessment team shall provide input (technical, financial, safety etc).
<b>Project Change Control Board(PCCB)</b>	<p>A committee/individual at an Eskom project appointed by the Project Manager who:</p> <ul style="list-style-type: none"> <li>• Conduct an assessment of the impact on the project (cost, risk, plan and schedule, contracts, resource management, etc.)</li> <li>• Set execution route (Project or Work order)</li> <li>• Ensure engineering changes are implemented as per the approved ECR</li> </ul> <p>*The responsibilities of the committee could be delegated to one person in certain instances</p>
<b>Project Engineering Manager (PEM):</b>	Ensures compliance to this procedure in the project environment. The project engineering manager authorises the engineering change based on engineering change control committee comments. The role change authoriser may be delegated by the project engineering manager to a professionally registered chief engineer, for example the project integration chief engineer.
<b>Project Manager</b>	Ensures compliance to this procedure in the project environment. The project manager ensures that the engineering change is implemented based on engineering approved ECR and the Project Change Control Board comments. The role of change coordinator may be delegated to a qualified person.

## 2.6 PROCESS FOR MONITORING

This procedure will be monitored via 240-53114190: Internal Audit Procedure [10], 240-53665024: Engineering Quality Manual [9] and self-assessments.

## 2.7 RELATED/SUPPORTING DOCUMENTS

- [11] ISO 15288: Systems and software engineering - Systems life cycle processes.
- [12] N.PPZ 45-5 (Superseded by this document)
- [13] 474 – 4015 (Engineering Change Report Template)
- [14] 474-4017 (Engineering Change Registration Template)

## 3. PROJECT ENGINEERING CHANGE PROCEDURE

### 3.1 OBJECTIVES

The objectives are:

1. Ensure the effective management of all engineering changes to maintain the integrity of the

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Design Base over the full lifecycle of the project and to reduce business risk.

2. Ensure a consistent approach is used for the classification and prioritisation of all engineering changes
3. Ensure the process/procedure and tools used for design engineering changes and change management across all plant is standardised
4. Ensure that all engineering design is done by a suitably qualified design or system engineer (plant engineer), who has the training, technical qualification and expert knowledge of the plant or systems affected by the engineering change.

### 3.2 ECR PRINCIPLES

#### 3.2.1 Baseline change identification

An ECR is a proposed change to an established baseline(s).

#### 3.2.2 Engineering change level classification and change review panel members

ECR are classified by the Project Engineering Manager or any person delegated to do so, according to their potential impact on affected systems or disciplines, health and safety, regulation, project timelines and cost. The ECR level classification, criteria and relevant engineering change committee members are shown in the below table:

**Table 2-4: ECR level classification, criteria and change review panel members**

Level	Criteria	Engineering Change Committee
1.	<ul style="list-style-type: none"> <li>▪ Proposed change affects any of: <ul style="list-style-type: none"> <li>– Compliance to URS</li> <li>– Health and safety</li> <li>– Time or cost greater than 5% on overall project</li> <li>– Regulatory compliance</li> </ul> </li> <li>▪ or avoidance of major equipment damage</li> <li>▪ or prevention of production loss</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Approval:</b> Client representative<sup>1</sup></li> <li>▪ <b>Approval:</b> All affected EDWLs<sup>2</sup></li> <li>▪ <b>Authorisation:</b> Project engineering manager</li> </ul>
2.	<ul style="list-style-type: none"> <li>▪ Proposed change affects multiple systems or disciplines (COE).</li> <li>▪ or impact on: <ul style="list-style-type: none"> <li>– Plant reliability</li> <li>– Availability</li> <li>– Environmental</li> <li>– Operations</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Approval:</b> All affected EDWLs</li> <li>▪ <b>Authorisation:</b> Project engineering manager</li> </ul>
3.	<ul style="list-style-type: none"> <li>▪ Proposed change affects one plant system or discipline (COE).</li> <li>▪ and has no impact on: <ul style="list-style-type: none"> <li>– Safety</li> <li>– Operations</li> <li>– Environment</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Approval:</b> EDWL</li> <li>▪ <b>Authorisation:</b> Project engineering manager</li> </ul>

<sup>1</sup> Where a dispute arises between project engineering and the client regarding adherence to Stakeholder Requirements, the SGM: Group Technology Engineering may approve the project Stakeholder Requirements deviation, refer to section 3.2.7.

<sup>2</sup> Note that all EDWLs must be ECSA professionally registered and meet requirements as per section **Error! Reference source not found..**

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	<ul style="list-style-type: none"> <li>– Plant reliability</li> <li>– Availability</li> </ul>	
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### 3.2.3 ECR status classification

An engineering change will at any time be assigned one of the following statuses:

**Table 2-5: Engineering change Statuses**

Status	Description
<b>Authorised</b>	Engineering change authorised by Project Engineering Manager. Engineering change shall be implemented.
<b>Authorised with Comments</b>	Engineering change authorised by Project Engineering Manager subject to the inclusion of panel comments. No engineering change re-presentation to panel required
<b>Cancelled</b>	Engineering change cancelled prior to review by change review panel.
<b>Open</b>	Engineering change registered. Engineering change to be presented to change review panel.
<b>Rejected</b>	Engineering change rejected by change review panel. Engineering change shall not be implemented.
<b>Rework</b>	Engineering change requires rework. After completion of rework, engineering change to be re-presented to change review panel.

### 3.2.4 Engineering change report

The engineering change report (as developed by impact assessment team leader) shall include the following:

1. Engineering change introduction (description / background);
2. Affected engineering baseline(s)
3. Detailed analysis on potential impacts with respect to:
  - technical;
  - financial;
  - safety;
  - environmental;
  - operating;
  - Risk;
  - timing, and
  - information management.
4. List of impact assessment team members
5. Engineering change check sheet
6. Affected documentation / drawings
7. Lessons learnt
8. Recommendations / Proposals

### 3.2.5 Configuration management

Configuration management activities shall be performed throughout the lifecycle of a project to record and report the status of all proposed engineering changes. An engineering change register per project shall be maintained throughout the lifecycle of the project. The register shall, as a minimum, include the following:

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- unique change identifier;
- change title;
- status;
- originator;
- responsible EDWL;
- level classification;
- change registration date;
- target change panel review date;
- actual change panel review date.

Configuration management activities shall adhere to Configuration Management Systems to ensure traceable, auditable information regarding the status of proposed changes as well as the implementation status of approved changes.

### 3.2.6 Document and records management

All relevant engineering change documentation, reports, panel acceptance and minutes of meetings shall be managed and regularly recorded on the relevant project DMS.

### 3.2.7 Dispute Resolution

When a dispute arise within the engineering change management process, the right authorities will have to settle and resolve the dispute in a manner that properly controlled, transparent and fair. The table below prescribes the correct dispute resolution bodies that shall settle and resolve any dispute that may arise within the project depending which stakeholders are involved in the dispute.

**Table 2-6: Dispute Resolution Board**

4. Affected Stakeholders								5. Dispute resolution stakeholders
CLIENT	CoE	LDE	EDWL	PEM	ECCC	Contract Manager	PCCB	
	X		X					CoE Senior Manager
			X(x2)					Project Engineering Manager
X				X				GM Engineering
		X			X			CCCC
			X		X			CCCC
					X	X		PM and PEM
					X		X	SGM,GM and SM Engineering and SGM,GM and SM Group Capital

A dispute between two or more EDWLs will be resolved by the Project Engineering Manager.

Any ruling/decision taking by the dispute resolution board shall be final and not subjected to any further appeals except for the ruling/decision take by the Project Engineering Manager and Project Manager. These can be escalated to the CCCC, SGM, GM, SM Engineering and SGM, GM, SM Group Capital respectively.

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### 3.3 ENGINEERING CHANGE MANAGEMENT (ECM) PROCESS

Figure 1 below outlines the project engineering change management process to be followed when performing an engineering change. The process is divided in four phases and these are explained in detail in the section that follows.

#### 3.3.1 PCR and ECN initiation

In line with the project requirements, all engineering project change requests (PCR) shall be formally initiated through a single point of entry for the project where all change requests are registered. Any stakeholder of the project can submit a request and all requests shall be captured in a project change register.

Once a PCR is registered and captured on the project change register, the project change coordinator shall perform a high-level assessment of the request to ensure the completeness of the request as a potential change to the project. All PCR shall be validated by the project change coordinator. PCRs that are not justified as complete change requests shall be deemed as invalid and these PCR's shall be closed out and the engineering change requestor notified.

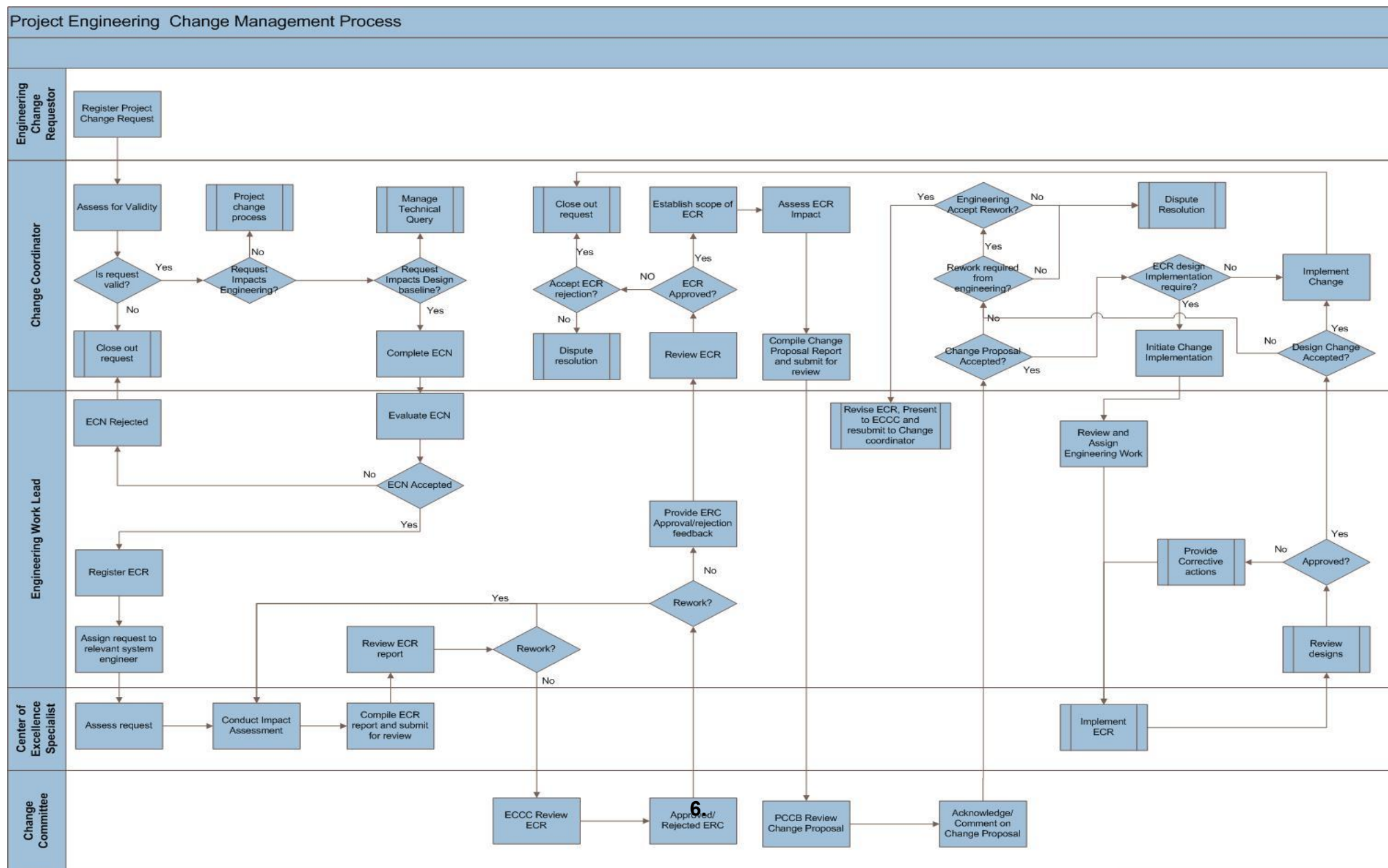
Where the request is deemed valid, the PCR shall be accepted and a core team shall be established to assess the impact of the change. Accepting the PCR does not mean that it shall subsequently be approved. It is an indication that it is sufficiently justified to be given further consideration.

All valid requests that do not impact engineering shall follow the project change management processes, however engineering shall form part of the core team and provide input to the project change request where possible.

Where a valid request impacts engineering, a further assessment shall be done to assess whether the request affects the design baseline. All requests that impact engineering but do not affect the design baseline shall be dealt with using the Manage Technical Query process. For all valid requests that impact engineering and affect the baseline, the change coordinator shall create an engineering change notification (ECN) that is to be evaluated by engineering as per this procedure.

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### 3.3.2 Engineering ECR Authorisation

All ECN received from the change coordinator shall be evaluated by the Project Engineer. The Project Engineer shall determine whether the request is clear and unambiguous. The respective EDWL will review the ECN for necessity, correctness and feasibility. All ECN's that are not accepted shall be rejected and a notification shall be sent to the change coordinator to close out the PCR. For all accepted ECN, the EDWL shall open an ECR, review and confirm the ECR level classification. Once the ECR is registered, the EDWL shall assign the impact team leader to lead the impact assessment and compile the ECR report.

When opening the ECR, the following information shall be provided by the EDWL for the ECR:

- Engineering change title
- Reason for change
- Engineering change level classification
- Brief description of proposed change
- Lead discipline(COE)
- Plant area
- Initiation date
- Expected affected project packages
- Expected review date

The selected impact assessment team leader shall define the impact assessment team. The team shall, at all times, include project managers that are affected by the change request. The impact assessment team led by impact assessment team leader shall

- Review and confirm the engineering change level classification.
- Review the engineering change and determine the relevant criteria needed to be taken into consideration in evaluating the acceptability of the proposed change.
- Identify and review all documentation affected by the proposed engineering change.
- Identify all affected plant KKS
- Identify all affected package baselines
- Analyse the engineering change for impact on:
  - Technical
  - Financial
  - Safety
  - Environmental
  - Operating
  - Timing
  - Information management
- Perform trade-off analysis on the affected systems and propose alternative solutions, if appropriate.
- If applicable, develop / update the suggested scope of work (SoW), LOSS diagrams and terminal points for engineering change implementation.
- Keep minutes of meeting as a record of issues considered and decisions made.

Once an impact assessment is conducted, the impact assessment team leader shall compile an engineering change report and submit it to the EDWL for review. The respective EDWL shall review the engineering change report (including affected drawings) for completeness. If the report is deemed to be not complete, the EDWL shall return the report with comments to the impact assessment team leader for rework. Where the report is deemed complete, the report shall be distributed to engineering change committee for authorisation.

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The method (local or remote meeting, system workflow etc.) of review by the engineering change control committee shall be established by the project engineering manager. The engineering change committee members shall:

- Perform an assurance check on the engineering change process followed.
- Review the completeness / make-up of the impact assessment team
- Review the engineering change report.
- Review if due process has been followed in covering all interfaces, changes have been adequately motivated and engineering standards and statutory requirements have been complied with.
- Jointly agree, led by the project engineering manager, on an engineering change status classification. Should the panel disagree, the project engineering manager shall, depending on the risk, make the final decision.

The engineering change control committee chair person shall ensure that:

- Record is kept of decisions and comments from the review panel.
- Record of all panel members acceptance is kept.
- Sign the engineering change report with the relevant status classification.

All ECR that are approved by the engineering change control committee shall be sent to the project managers for ECR implementation acknowledgement.

### 3.3.3 Engineering ECR Rejection

If a dispute occurs between the engineering change committee and any of the parties mentioned in section 3.2.7, the matter may be raised with the relevant dispute resolution stakeholders as outlined in section 3.2.7. All ECR that are rejected by the engineering change control committee shall be closed out and a notification shall be sent to change coordinator to close out the PCR.

### 3.3.4 Project ECR Authorisation

Having received the approved ECR from engineering, the information obtained from the ECR and the change requestor shall be used to define the scope of the engineering change and an impact assessment shall be conducted on the following:

- cost management
- risk management
- planning and scheduling
- project quality management
- project integrated resource management
- project contract management

The impact assessment shall cover all aspects that were not covered by the engineering impact assessment which engineering does not have the mandate to do so. Once the impact assessment is conducted, the change coordinator shall consolidate the individual assessments obtained into a single proposal using the appropriate template. The compiled change proposal report shall be submitted to the Project Change Control Board for acknowledgement and comments.

Before submitting the report, the change coordinator shall ensure that the scope of work required to implement the assessed scope of the change as per received feedback of assessment is properly determine. Where the proposal requires rework, the scope of work for the change shall be updated accordingly and as well as the change proposal report. The change proposal shall then be submitted to the Project Change Control Board (PCCB) for acceptance.

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All change proposals that are accepted without comments from the Project Change Control Committee shall be deemed an authorised change request. For all authorised change request where designs shall be required, the change coordinator shall initiate the ECR design implementation with the relevant EDWL. For ECR that already contains an engineering approved revised design baseline, the baselines shall be deemed as sent to projects for implementation. Once the implementation process is completed, the change coordinator shall close out the PCR and a notification shall also be sent to engineering to close out the ECR and update the status.

### **3.3.5 Project ECR Rejection and Comments**

If the PCCB does not approve an authorised Engineering ECR, the matter may be raised with the relevant dispute resolution stakeholders as outlined in section 3.2.7.

Where comments are made by the PCCB, a notification shall be sent to engineering for consideration; the ECR shall be revised to include comments from the PCCB and presented again to the ECCC before resubmitting the revised ECR to the change coordinator. If engineering does not agree with the inclusion of the comments made by the PCCB, this shall be regarded as rejecting the comments and the matter shall be raised with the relevant dispute resolution stakeholders as outlined in section 3.2.7 for resolution. Any recommendation that is made by the dispute resolution stakeholders shall be implemented

### **3.3.6 ECR Design Implementation**

After ECR design implementation has been initiated, the EDWL shall assign the approved ERC to the relevant centre of excellence specialist for design implementation. The EDWL shall ensure and monitor that:

- The engineering scope of work is prepared / revised.
- An implementation plan is developed
- The engineering change is communicated to all stakeholders and implemented on project.
- All affected baseline documentation is revised / modified / cancelled as required by engineering change implementation.
- The engineering change is monitored and tracked through to implementation completion.

The EDWL can delegate this responsibility to a subordinate, for example the impact assessment team leader. The EDWLs of all affected packages must take the responsibility to implement the change in their respective areas.

The implementation status of engineering changes shall be reviewed in the subsequent formal design review of all affected packages. This means that the EDWL must demonstrate that the approved change has been implemented.

All approved designs baseline shall be sent to projects for construction implementation. Once construction and commissioning is completed, the change coordinator shall close out the PCR and a notification shall also be sent to engineering to close out the ECR and update the status.

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#### 4. AUTHORIZATION

This document has been seen and accepted by:

Name	Designation
D Odendaal	General Manager: Plant Engineering
P Moyo	General Manager: Power Delivery (Acting)
F Sithole	General Manager: Project Engineering (Acting)
J van Tonder	Senior Manager: New Build Project Engineering (Acting)
I Rudd	Senior Manager: Project Engineering Office (Acting)
T Botha	Senior Manager: Generation Project Engineering (Acting)
T Mathe	Senior Manager: Power Plant
J Fourie	Senior Manager: Production Engineering Integration Coal (Outside Plant)
D Bhimma	Senior Manager: Production Engineering Integration Coal
E Bierman	Senior Manager: Production Engineering Integration Coal (Turbines)
M Mthembu	Senior Manager: Production Engineering Integration Coal (Boilers)
J. Hector	Senior Manager: Engineering
L Fernandez	Senior Manager: Systems Integration
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#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2007	0	P Knothe	First Issue of document
March 2008	0	P Knothe	Second Issue of document
March 2011	1	SC Engelbrecht AJ van Staden	Revision of original document N.PPZ 45-5. Updated: <ul style="list-style-type: none"> <li>General document layout</li> <li>Roles + responsibilities,</li> <li>Engineering change principles</li> <li>Engineering change process</li> </ul>
December 2012	2	RA Mandavha	The following updates were made: <ul style="list-style-type: none"> <li>Update on general content.</li> <li>Updated structure and format.</li> <li>Updated Figure 1.</li> <li>Updated conventional</li> </ul>

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Date	Rev.	Compiler	Remarks
			naming (align to B2B). <ul style="list-style-type: none"><li>Updated Document Template</li></ul>

## 6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

- Ronald Mandavha
- Danie Louw
- Mike Walker
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## 7. ACKNOWLEDGEMENTS

Nil

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