

 Eskom	Policy	Medupi Power Station Project
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Content

	Page
1. Introduction.....	3
2. Supporting Clauses	3
2.1 Scope.....	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.1.3 Effective date.....	3
2.2 Normative/Informative References	3
2.2.1 Normative.....	3
2.2.2 Informative.....	4
2.3 Definitions	4
2.3.1 Term: definitions.....	5
2.4 Abbreviations	5
2.5 Roles and Responsibilities	5
2.6 Related/Supporting Documents.....	6
3. DOCUMENT CONTENT.....	7
3.1 Policy Content	7
3.2 Environmental Policy Approval & Accountability	7
3.3 Environmental Policy communication	7
4. Process for Monitoring.....	8
4.1 Key Performance Areas and Indicators	8
4.2 Document Review and Self-Assessment.....	8
4.2.1 Document Self-Assessment	8
4.2.2 Revision Period	8
4.3 Training Requirements	9
5. Acceptance.....	9
6. Revisions.....	9
7. Development Team	10
Appendix A – Medupi Environmental Policy Statement.....	11
Appendix B rocess Self-Assessment Checklist	12

Tables

Table 1: RACI Matrix.....	6
Table 3: KPAs/KPIs	8

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1. Introduction

This Environmental Policy Statement expands on the Eskom Safety, Health, Environment, and Quality (SHEQ) Policy (32-727). The Policy Statement and its implementation aim to ensure alignment with Eskom vision, values and other sustainable business imperatives, where Zero Harm means ensuring that harm is not inflicted on the environment, Eskom's assets, its employees, contractors, and service providers, as well as members of the public affected by its operations, infrastructure and operational activities.

2. Supporting Clauses

2.1 Scope

This procedure and the commitments contained in the Environmental Policy Statement apply throughout Medupi Power Station Project Site, as defined in the scope of the Medupi EMS Manual (200-73971). This document is applicable to the Medupi Project Team and Contractors that are responsible for the Design, Construction Management, and Commissioning of the Medupi Power Station. Contractors are required to abide by the principles put forth in this document, and apply such in their own operations, as well as those of their subcontractors, service providers and suppliers. Although Contractors may have their own Policy (ies) that governs Environmental Management within their Scope of Work, they are required to adhere to the Medupi Project's Environmental Policy Statement.

2.1.1 Purpose

This document defines the Medupi Power Station Project Site's Environmental Policy Statement, which reflects Site Management's commitment to sound environmental management and continual improvement through the implementation of an EMS compliant with the ISO 14001:2015 standard

2.1.2 Applicability

This document shall apply throughout Medupi Power Station Project.

2.1.3 Effective date

Date of authorisation of the procedure.

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] ISO 14001 Environmental Management Systems
- [2] The Constitution of the Republic of South Africa (Act No. 108 of 1996)
- [3] The National Environment Management Act (Act No. 107 of 1998)

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[4] 200 73979 Medupi Power Station Project Environmental Policy Statement

These documents are indispensable for the application of this document, i.e. documents to be used together with this document.

2.2.2 Informative

[5] 200-5919 Project Execution Plan

[6] 200-1679 Project Quality Plan

[7] 200-5665 Development and Change of Medupi QMS Documents

[8] 200-1680 Document and Record Management Procedure

[9] 200-163680 Unit Construction Procedure Manual

[10] 32-727 ESKOM Safety, Health, Environment, and Quality (SHEQ) Policy

[11] 200-73971 Medupi EMS Scope and Manual

2.3 Definitions

Term	Definition
Activity	An action either planned, actual (existing) or historical, that occurs or is performed by employees or contractors, on behalf of the company
Contractor	An employer who performs construction work and includes principal contractors. Contracted companies are specifically viewed as employers in their own right, as per the OHSAct.
Employee	An individual in the full-time or part-time / occasional employment of Medupi Power Station Project Team
Environment	The surrounding environment in which humans exist that is made up of: <ul style="list-style-type: none"> i. the earth's land, water and atmosphere, ii. micro-organisms, plant and animal life, iii. any part or combination of (i) and (ii) and the interrelationship among and between them and iv. the physical, chemical, aesthetic and cultural properties and conditions of the foregoing that influence human health and well being
Environmental Aspect	An element of an organisation's activity, product and service that can have a beneficial or adverse impact on the environment.
Environmental Impact	The degree of change in the environment resulting from the effect of an activity on the environment, whether desirable or undesirable.
Environmental Management System	The process or methodology used to develop and implement Medupi Construction Project's environmental policy and manage its environmental aspects & impacts

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Pollution	The introduction of contaminants into the natural environment that cause adverse change.
Zero Harm	Eskom will strive for Zero Harm befalls its employees, contractors, the public, and the natural environment. This includes zero environmental incidents.

2.3.1 Term: definitions

None

2.4 Abbreviations

Abbreviation or Acronym	Description
EMS	Environmental Management System
ISO	International Organization for Standardization
TM	Team Medupi
OHS Act	Occupational Health and Safety Act, No. 85 of 1993

2.5 Roles and Responsibilities

a) Responsible

Those who do the work to achieve the task. There is at least one role with a participation type of responsible, although others can be delegated to assist in the work required.

b) Accountable (also approver or final approving authority)

The one ultimately answerable for the correct and thorough completion of the deliverable or task, and the one who delegates the work to those responsible. In other words, an accountable must sign off (approve) work that responsible provides. There **must** be only one accountable specified for each task or deliverable.

c) Consulted (sometimes counsel)

Those whose opinions are sought, typically subject matter experts; and with whom there is two-way communication.

d) Informed

Those who are kept up-to-date on progress, often only on completion of the task or deliverable; and with whom there is just one-way communication.

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Table 1: RACI Matrix

			RACI Matrix						
Process Step/Activity	Project Director	Team Medupi Construction Manager	Team Medupi Staff	Unit area Managers	Contract Managers	Environmental Manager	Environmental	ECO	Contractors
Environmental Policy (compilation)	A	C,I	I	I(C)	I	R	R	I	I
Environmental Policy (implementation and operation)	A,R	R	R	R	R	R	R	I	R
Awareness requirements(Induction)	C	C	I	R,I	I	A	R,C,I	I	I,R
Communication	C,R	C,R	I	C,R	C,R	A,R,C,I	R,C,I	I	I,C,R
Control of Documents and Records	R,C	C,I	I	R,C,I	R,C,I	A,R,C	R,C	I	R,C,I

2.6 Related/Supporting Documents

[1] 200 73979 Medupi Power Station Project Environmental Policy Statement

[2] 200-75592 Document Self-Assessment Checklist

Records

The following records will be utilised in accordance with this document:

- Medupi Power Station Project Environmental Policy Statement;
- Environmental Management Review Meeting minutes; and
- Induction training

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3. DOCUMENT CONTENT

3.1 Policy Content

A summary of Medupi Power Station Project's commitment towards sound environmental management through the implementation of an EMS is reflected in the Station's Environmental Policy Statement as per Attachment A below.

The Eskom SHEQ Policy displayed on site, and provides high level commitments to some of the policy commitments required by ISO 14001:2015, whereas the Medupi Power Station Project's Environmental Policy Statement provides more site-specific detail in terms of the environmental commitments required by ISO 14001:2015.

3.2 Environmental Policy Approval & Accountability

The displayed Environmental Policy Statement is signed by at least the Medupi Power Station General Manager and Environmental Management Representative. Top Management of the Medupi Power Station Project Site will ultimately be responsible and accountable for the implementation of the commitments contained in the Environmental Policy.

Top Management must ensure that the Environmental Policy:

- is appropriate to the purpose and context of the organisation including the nature, scale and environmental impacts of its activities, products and services;
- provides a framework for setting environmental objectives;
- includes a commitment to the protection of the environment, including the prevention of pollution and other specific commitment(s) relevant to the context of the organisation;
- includes commitment to fulfil its compliance obligations;
- includes commitment to continual improvement of the Environmental Management System to enhance environmental performance; and
- Is maintained as documented information.

3.3 Environmental Policy communication

The Environmental Policy Statement must be displayed at various conspicuous places on the Medupi Power Station Project premises e.g. the main access gate security office, Eskom and Contractor main offices, and waiting areas. All people working for, or on behalf of, the Medupi Power Station Project must be made aware of the Environmental Policy Statement through the induction process. The Environmental Policy Statement must be made available to interested parties, including the public, on request. The TM Environmental Manager as the EMS Representative is responsible for discussing the Environmental Policy Statement in management review meetings to ensure that the policy is applicable, current and adhered to by all employees and contractors.

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4. Process for Monitoring

4.1 Key Performance Areas and Indicators

The following Key Performance Areas / Indicators (KPA's / KPIs) shall be measured, analysed and reported. The Process Owner shall be accountable, and assign the responsibility at the frequency as indicated below, documented as part of the QMS measurement, analysis and improvement initiative.

Table 2: KPA's/KPIs

Key Performance Area	Key Performance Indicator	Measure Frequency	Responsibility	Records
Updated Policy statement	Current version relevant and available	As per review timeframes	Environmental Manager	Policy statement
Communication	Induction and display	As required	Environmental Manager	Induction records

4.2 Document Review and Self-Assessment

4.2.1 Document Self-Assessment

The "Process Owner" identified on the front page of this document along with departmental personnel and the project QMS Engineer shall undertake a "self-check" review of the process defined in this document at six monthly intervals, commencing from the effective date of this document, to check:

- the process / procedure operational integrity
- process efficiency
- the level of stakeholder knowledge and implementation.

Participants and results of the "self-check" review shall be documented by the Process Owner in the "Self-Assessment Checklist" (**QMS Template No. QMS PTZ 200 - 75592**) included as an Appendix to this procedure which shall be issued to medupiga@eskom.co.za by the Process Owner once completed.

Process Owner shall proceed with any revision requirements in line with Medupi Procedures PPZ 200 5665 "Development and Change of Medupi QMS Documents" and PPZ 200 1680 "Document and Record Management"

4.2.2 Revision Period

All EMS Documentation will undergo a compulsory three yearly revision

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4.3 Training Requirements

No project specific training required to implement the process documented in this document beyond normal job function.

5. Acceptance

This document has been seen and accepted by:

Name	Designation
B Mgidlana	Quality Manager
E Marell	Environmental Manager
Z.Shange	General Manager GCD Medupi (Acting)
Thabisile Biyela	Senior Construction Manager
Meshack Maweela	HR Manager Acting
Obed Phasha	Manager Project Control
Elvis Modise	Middle Manager Projects
Irene Letsie	Middle Manager Project Accounting
Ernie Basson	Middle Manager Construction
Thinawanga Raudzingana	Middle Manager Construction
Rofhiwa Nematandani	Senior Engineer Professional Engineer
Liyanda Mjingwana	Middle Manager Projects
Nthabiseng Malebo	Middle Manager Projects
Gabriel Mkhonza	Middle Manager Procurement

6. Revisions

Date	Rev.	Compiler	Remarks
2021/07/15	07	M. Boshomane	Three yearly revision and new management signatures
2018/02/19	06	E Marell	Revision to align to ISO 14001:2015 and new Document control template
July 2017	05	M Boshomane	Review of policy to reflect new management structure e.g. New Project director and alignment to ISO 14001:2015 Requirements

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7. Development Team

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

- M Boshomane
- E Marell
- Mathews Sebonego
- Dovhani Mudzielwana
- Sakutanya Mamabolo

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Appendix A – Medupi Environmental Policy Statement


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Appendix B Process Self-Assessment Checklist

B.1 Process Self-Assessment Checklist

	MEDUPI POWER STATION PROJECT			Template Identifier	348-655890	Rev	1
				Document Identifier	348-9990406	Rev	0
				Effective Date	25 June 2019		
				Next Review Date	25 June 2022		
TITLE: Document Self-Assessment Checklist							
Discipline: Quality			Applicable Document No.: 348-860846 Medupi Environmental Policy Statement			Self-Assessment Date:	
Item No	Ref Section	Self-Assessment Question	Compliant			Comment	
			Yes	Part	No		
1		Is the Policy reviewed and approved?					
2		Is the policy reviewed during the Management Review Summary Meeting to ensure applicability to the nature and scale of the activities, products and services of the Site?					
3		Is the Environmental Policy signed by at least the Medupi Power Station Project Director?					
4		Is the Environmental Policy displayed at various conspicuous places on the Medupi Power Station Project premises?					
5		Are people working for, or on behalf of, the Medupi Power Station Project made aware of the Environmental Policy?					
6		Is the Environmental Policy made available to the public on request?					

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File Name: 348-655890 Document Self-Assessment Checklist Rev 1

Page 1 of 2

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	MEDUPI POWER STATION PROJECT	Template Identifier	348-655890	Rev	1
		Document Identifier	348-9990406	Rev	0
		Effective Date	25 June 2019		
		Next Review Date	25 June 2022		
TITLE: Document Self-Assessment Checklist					

7	Does the TM Environmental Manager discuss the Environmental Policy in management review meetings to ensure that the policy is applicable, current and adhered to by all employees and contractors?				
Comments:					
Self-Assessment by:	Name:	Position:	Revision Required. (Yes / No)	Planned Revision Date:	

Public

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File Name: 348-655890 Document Self-Assessment Checklist Rev 1

Page 2 of 2

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