

Title: **Kusile Power Station Tender  
Technical Evaluation Strategy  
for the Supply and Delivery of  
Personal Protective Equipment  
(PPE)**

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### CONTROLLED DISCLOSURE

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## 1. INTRODUCTION

This specification was compiled to satisfy the need for simplification and standardisation of Eskom's Personal Protective Equipment (PPE). This Specification describes the minimum requirements for generic PPE in Eskom.

In the case where a particular PPE requirement is not covered in this specification, the onus is on the Division/OU/BU to ensure that all safety requirements are complied with accordance with the relevant standards, regulations, or codes of practices for that specific PPE requirement

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

#### 2.1.1 Purpose

The purpose of this document is to define the specified scope of work activity requirements for generic Personal Protective Equipment used in Eskom.

This specification does not cover the requirements for specialised work such as Live Work, Fall Arrest System and any other specialised equipment that is not included herein.

The requirements for specialised work disciplines are covered in the respective standards and/or specification.

#### 2.1.2 Applicability

This document shall apply throughout Eskom Kusile Power Station Units that are commercially operational.

The Operating/Business Units may determine additional PPE requirements to suit their own needs or working conditions, provide that the minimum requirements as set out in this specification are met as well as the relevant legislation, and such additional requirements does not expose an employee, or a member of the public to any risk. This can be determined through a comprehensive OHS risk assessment.

### 2.2 NORMATIVE/INFORMATIVE REFERENCES

#### 2.2.1 Normative

Parties using this document shall use the most recent edition(s) of the document(s) listed in this section

Occupational Health and Safety Act No. 85 of 1993

SANS ISO 9001:2008: Quality Management Systems

SANS 416: Chemical resistant gloves

SANS 434: Boiler Suits and Work Wear suits

SANS 492: Protective and Safety Gum boots (Part 4), All made from rubber

SANS 1282: Barrier creams

SANS 1320: PVC Gumboots: Part 1, Injection-moulded Gumboots

SANS 1362: Sewing threads

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SANS 1387-4,6,7: Woven cotton and similar apparel fabrics. Also see if part 1,8, 9, 11 is relevant and part 3

SANS 1397: Industrial Safety Helmet

SANS 1400: Equipment (including oculars) for eye, face and neck protection against non-ionizing radiation arising during welding and similar operations - Welding helmets, hand shields, goggles and welding spectacles

SANS 1404: Eye-protectors for industrial and non-industrial use

SANS 1423-1: Performance requirements for textile fabrics of low flammability.

SANS 1451-1: Hearing protectors Part 1 Ear muffs

SANS 1451-2: Hearing protectors Part 2 Ear plugs

SANS 1451-3: Hearing protectors Part 3 Ear muffs

SANS 1557: Sunscreen products

SANS 1822: Slide (zip) fasteners

SANS 10101: Standard nomenclature for stitches, seams and stitching

SANS 50136: Respiratory protective devices – Full face masks - Requirements, testing, marking

SANS 50140: Respiratory protective devices – Half masks and quarter masks – Requirements, testing and marking

SANS 50142: Respiratory protective devices – Mouth piece assemblies - Requirements, testing and marking

SANS 50143: Respiratory protective devices – Particle filters - Requirements, testing and marking

SANS 50149: Respiratory protective devices – Filtering half masks to protect against particles – Requirements, testing, marking

SANS 50381-2: Protective clothing for users of hand-held chain saws Part 2: Test methods for leg protectors

SANS 50381-5: Protective clothing for users of hand-held chain saws Part 5: Requirements for leg protectors

SANS 50471: High-visibility warning clothing for professional use - Test methods and requirements

SANS CKS 129: Colours for Textiles

GPP 13551: Generation Policy on the Control of Clean Conditions When Working On Generators and Large Motors

### 2.2.2 Informative

32-109: Brand Architecture and Corporate Identity Policy

32-288: Policy Procurement and Supply Chain Management Standard

32-599: Standard Procurement and Supply Chain Management Standard

32-727: SHEQ Policy

## 2.3 ESKOM CORPORATE IDENTITY MANUAL ESK AM AAA 1, REV 1

### 2.4 DEFINITIONS

- a) **Approved:** Means acknowledged and authorized in accordance with the authoritative governing body/ies, i.e. SANS, EN and so forth.
- b) **Employee:** 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.
- c) **Networks:** The high voltage distribution, the reticulation as well as the low voltage networks.

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d) **Responsible Manager:** The manager formally appointed and within his/her delegation of authority is overall responsible to ensure occupational health and safety within the defined area of responsibility.

e) **Risk assessment:** Overall process of hazard identification, risk analysis and risk evaluation.

f) **PPE:** Equipment designed to be worn or used by any person to provide adequate protection from specific hazards in the workplace, when properly used.

g) Properly used: Used with reasonable care and with due regard to any information, instruction or advice supplied by the designer, manufacturer, importer, seller or supplier, as the case may be.

## Classification

**Controlled Disclosure:** Controlled Disclosure to external parties (either enforced by law, or discretionary).

## 2.5 ABBREVIATIONS

Abbreviation	Description
ATPV	Arc Thermal Performance Value
BS	British Standard
Cal/cm2	Calories per square centimetre
EN	European Norms
MHSA	Mine Health and Safety Act
OHS Act	The Occupational Health and Safety Act, Act 85 of 1993.
PPE	Personal Protective Equipment
SANS	South African National Standard
T&Q	Technical and Quality
PCM	Process Control Manual
OD	Outside Diameter
WT	Wall Thickness

## 2.6 ROLES AND RESPONSIBILITIES

### 2.6.1 The Employer

- Ensure that all information, instructions and training on the usage of PPE shall be communicated to all applicable employees prior to its use. This shall include the limitations of identified/specific work wear/accessory.
- Ensure that PPE provide to employees is suitable for minimising the impact of the hazard the employees are exposed to by ensuring that risk assessments are performed prior identification of PPE
- An employer shall not require or permit any employee to work unless such an employee is issued with the required personal protective equipment and makes proper use thereof.

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### **2.6.1 The Employees**

Employees shall:

- Receive comprehensive training on the use and limitation of PPE
- Personally sign for all issued PPE and wear or use issued PPE to reduce the risk of personal injury where required to.
- Maintain each it of PPE issued to them in a hygienic and good state of repairs and not modify any PPE issued.
- Ensure that such PPE is available at all times during working hours including stand-by emergencies and overtime
- Immediately report if PPE issued has been lost, damaged, worn off or stolen.
- The cleaning and maintenance of protective clothing shall be the responsibility of the employee except where the possibility exists that cleaning and maintenance will result in the spread of contaminants, then it becomes the responsibility of the employer.

### **2.7 PROCESS FOR MONITORING**

Compliance to this documents shall be monitored and audited by the SHEQ department. Where possible SHEQ department and/or line manager shall inspect procured PPE to ensure compliance with this document and risk assessments.

### **2.8 RELATED/SUPPORTING DOCUMENTS**

- a. The type of reports, level of detail and frequency of reporting will be mutually agreed by the Employer and the Contractor during the contract negotiation phase of this agreement. These may change from time to time on request by the Employer.
- b. The Contractor to be represented at any ad-hoc meetings that may arise in order to address any outage planning, execution, finalisation or safety related matters.
- c. Liaison meetings shall be held with the Employer's Representative or his/her delegate on as and when required basis to discuss any technical details, or concerns.

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### 3. TENDER TECHNICAL EVALUATION STRATEGY

#### 3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 75%.

No	Criteria	Points	Minimum Weight
<b>1</b>	<b>Tender as per Scope of work</b>		
	Compliance to SANS standard as per scope of work (acknowledgement letter that you have tendered according to the scope of work)	<b>20%</b>	<b>20%</b>
	Signed letter from manufacturer (Memorandum of understanding that they will make stock available for the supplier)	<b>20%</b>	<b>20%</b>
<b>2</b>	<b>Technical data sheet:</b>		
	Manufacturer's data sheet for all items in the scope of work (suppliers will be expected to supply data sheet samples for quality evaluation)	<b>40%</b>	<b>40%</b>
<b>3</b>	<b>Related Experience (Supplying of Eskom PPE)</b>		
	5 or more Purchase Orders	<b>15%</b>	<b>15%</b>
	3 – 4 Purchase Orders		<b>10%</b>
	1 – 2 Purchase Orders		<b>5%</b>
<b>4</b>	<b>Lead Time</b>		
	Less than 7 days	<b>5%</b>	<b>5%</b>
	More than 7 days but less than 14 days		<b>2.5%</b>
	More than 10 days		<b>0%</b>
<b>Total</b>		<b>100%</b>	
<b>Minimum Threshold for qualification</b>		<b>75%</b>	

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#### 4. AUTHORISATION

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#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
2027	00	M. Molefi T. Tsatsi	First issue

#### 6. DEVELOPMENT TEAM

- T. Tsatsi
- M. Molefi

#### 7. ACKNOWLEDGEMENTS

Materials Management Team

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