
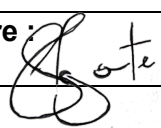
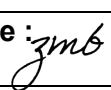


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Project Name: Vryburg Roof Repair and Refurbishment

Project Address: Vryburg District Offices

Scope of the Project: Roof Repair and Refurbishment

Compiled by	Accepted by	Approved by	Approved by
Name : Londiwe Khanyile	Name : Deirdre Stellenberg	Name : Sydney Kgoete	Name : Zwelakhe Mbolekwa
Signature :	Signature : 	Signature : 	Signature : 
Date : 19/05/2026	Date : 20-05-2026	Date : 21-05-2026	Date : 21-05-2026
Contractor Safety Officer North West	Contractor Safety Manager North West	Maintenance Supervisor	Facilities Manager

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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 the 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.

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.

1.1.1. Supporting Clauses

1.2. 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.

1.2.1. Purpose

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

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1.2.2. Applicability

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

2. Normative/Informative References

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

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 Environmental Management Act 107 of 1998.
- [4] National Road Traffic Act 93 of 1996.
- [5] 32-37 Eskom Substance Abuse Procedure.
- [6] 32-136 Contractor Health and Safety Requirements
- [7] 240-62196227 Life- saving Rules
- [8] 32-95 Environmental, Occupational Health and Safety Incident Management Procedure
- [9] 32-727 SHEQ Policy
- [10] 32- 418 Working at Heights Procedure
- [11] 240-62946386 Vehicle and Driver Safety Management Procedure
- [12] 32-520 Risk Assessment procedure
- [13] Plant Safety Regulations.

2.2.2 Informative

- [1] Tobacco Products Control Act 83 of 1993 (Updated 2011.05.19)
- [2] SANS 1186 Symbolic Safety Signs
- [3] Constitution of the Republic of South Africa No 108 of 1996
- [4] DMN 34-110 Operating A Vehicle Mounted Crane

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2.3 Definition

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Definition	Explanation
Appointed contractor	Means a contractor appointed by the principal contractor
Baseline risk assessment	(32-520) baseline operational risks refer to the health and safety risks associated with all standard processes and routine activities in the business
Business unit (BU)	(32-296) means any defined unit within the Eskom environment, operating as a business under a particular cost-centre number. In the context of this document and in terms of health and safety, any reference to a BU includes a defined unit within any Eskom division and its subsidiaries
Client	(OHS Act) 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	(OHS Act) means an employer as defined in section 1 of the Act who performs contracted work and includes principal contractors
Construction work	Any work in connection with <ul style="list-style-type: none"> a. the construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure. b. the construction, erection, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or the moving of earth, clearing of land, the making of excavation, piling or any similar civil engineering structure or type of work.
Consultant	Means a person providing professional advice
Controlled disclosure	Controlled disclosure to external parties (either enforced by law or discretionary)

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Definition	Explanation
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)
Environment	(32-94) means: a. the land, water, and atmosphere of the earth; b. micro-organisms and plant and animal life; and c. any part or combination of (a) and (b) and the interrelationships among and between them, and the physical, chemical, aesthetic, and cultural properties and conditions of the foregoing that influence human health and well-being
Environmental Management plan	A detailed plan of action prepared to ensure that recommendations for enhancing or ensuring positive impacts and limiting or preventing negative environmental impacts are implemented during the life-cycle of a project. This Environmental Management Plan should preferable form part of Eskom's Environmental Management System
Eskom requirements	Eskom requirements flowing from directives, policies, standards, procedures, specifications, work instructions, guidelines, or manuals
Fall protection plan	(OHS Act) means a documented plan of all risks relating to working from an elevated position, considering the nature of work undertaken, and setting out the procedures and methods to be applied in order to eliminate the risk
Hazard	(OHS Act) means a source of, or exposure to, danger

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Definition	Explanation
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 in permanent form, containing the information required in relation to the contract.
Health and safety plan	(OHS Act) means a document plan that addresses hazards identified and includes safe work procedures to mitigate, reduce, or control hazards identified
Health and safety specification	(OHS Act) means a document specification of all health and safety requirements pertaining to associated to a contract, so as to ensure the health and safety of persons.
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
Lifesaving Rules	(240-62196227) a rule that, if not adhered to, has the potential to cause serious harm to people
Medical Certificate of fitness	(OHS Act) means a certificate valid for one year, issued by an occupational health practitioner, issued in terms of the regulations, whom shall be registered with the Health Professions Council of South Africa
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 of small) that is cooperating under the direction of executive leadership in accomplishment of certain common objects

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Definition	Explanation
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
Subsidiary	(32-94) an enterprise controlled by another (called the parent) through the ownership of greater than 50% of its voting stock
Supplier	(32-1034) means a natural or legal person who renders a service and may include the following current or potential supplier vendor, contractor, consultant
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.)

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Definition	Explanation
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

Abbreviation	Description
AIA	Approved Inspection Authority
BU	Business Unit
CE	Chief Executive
CNC	(Eskom) Customer Network Centre
CR	Construction Regulations of the OHS Act
COID Act	Compensation for Occupational Injuries and Diseases Act
DMR	Driven Machinery Regulations
DoL	Department of Labour (Inspection and Enforcement services – Provincial office)
EAP	Employee Assistance Program
EP	Emergency Preparedness
ERfW	Environmental Regulations for Workplaces
GAR	General Administrative Regulations
GSR	General Safety Regulations
HCS	Hazardous Chemical Substances
LDV	Light Delivery Vehicle
LoG	(COID) Letter of Good Standing
MSDS	Material Safety Data Sheets
NEMA	National Environmental Management Act
OHS Act	Occupational Health and Safety Act and Regulations, 85 of 1993
SACPCMP	South African Council for the Project & Construction Management Professions

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Abbreviation	Description
AIA	Approved Inspection Authority
BU	Business Unit
CE	Chief Executive
SABS	South African Bureau Standard
SANS	South African National Standard

2.5 Roles and Responsibilities

2.5.1 Commitment

Visible commitment is essential to providing a safe work environment. Managers, supervisors and employees at all levels must demonstrate their commitment by being proactively involved in the day-to-day operations, in particular the Occupational Health and Safety aspects of any project / contract. Legislation requires that each employee must take reasonable care of themselves and their fellow workers, from management level down to the lowest employee level.

2.5.2 Principal Contractors and Appointed Contractors

Note 1: Most of the roles and responsibilities listed apply to both principal contractors and any appointed contractors. Where some of the listed do not apply to both, then the specific responsibilities will be listed and titled. The contractors shall:

1. Carry out all duties as listed in section 8, 9 and 10, the various other regulations that form part of the OHS Act and Regulation 7 of the Construction Regulations.
2. The principal contractor must notify the provincial director of the Department of Labour in writing of all construction work if it falls within the scope of Regulation 4 of the Construction Regulations (if this has not been arranged and or done by the client/agent);
3. Carry accountability and responsibility for the safety and health of their employees and their appointed contractors within their working area, as contemplated by section 37(2) of the OHS Act;
4. Shall keep a record of all employees including the appointed contractor employees, including date of induction, relevant skills and licenses and be able to produce this list at the request of the Eskom Project Manager.

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5. Ensure that all their appointees are made aware of their accountabilities and responsibilities in terms of their appointment and that they advise and assist these appointees in the execution of their duties.
6. Ensure that the minimum legislative, regulatory and Eskom SHE requirements are complied with on all work sites.
7. Give the Eskom project managers and line managers / responsible managers their full participation and cooperation.
8. Compile a SHE (health and safety) file where all relevant health and safety records must be kept for each work site.
9. The principal contractor must hand over a consolidated (to include any appointed contractors files) health and safety file to the Eskom project manager on completion of the project. This is to include all drawings, designs, lists of materials used and other applicable information about the completed project, as well as the list of appointed contractors, the agreement, and the type of work completed.
10. Contractors must hand over a consolidated (to include any appointed contractors files) health and safety file to the principal contractor on completion of the project. This is to include all drawings, designs, lists of materials used and other applicable information about the completed project, as well as the list of appointed contractors, the agreement, and the type of work completed.
11. The principal contractor must provide the project manager with a certified copy of his/her Compensation Commissioner's valid letter of good standing before the commencement of work and any future renewal letters obtained during the project for record-keeping purposes. The letter of good standing shall reflect the name of the contractor's company. Similarly, the principal contractor must provide the Eskom project manager with all the valid letters of good standing from their appointed contractors.
12. Contractors must provide the principal contractor with a certified copy of his/her Compensation Commissioner's valid letter of good standing before the commencement of work and any future renewal letters obtained during the project for record-keeping purposes. The letter of good standing shall reflect the name of the contractor's company.
13. Appoint competent staff to perform the project work and ensure that all employees are trained in the health and safety aspects relating to such work and that the employees understand the hazards associated with all other work being carried out on the project.

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14. Ensure that all employees are conversant with all relevant work procedures and that they adhere to such procedures. Similarly (without removing the appointed contractors' responsibilities), ensure that their appointed contractors and their employees are conversant with all relevant work procedures and that they adhere to such procedures.
15. Co-ordinate the activities of all the appointed contractors in the interests of safety and health;
16. Ensure that potential contractors (whom they intend appointing) submitting tenders have made detailed provision for the cost of safety and health measures throughout the project.
17. Stop his /her employees and any appointed contractors if project work is not in accordance with the health and safety plan or if such work poses a threat to the health and safety of persons or a risk of degradation to the environment.
18. Take reasonable steps to ensure cooperation between all their appointed contractors.
19. Only appoint contractors to do work, if satisfied that the contractor has the necessary competencies and resources to perform the work safely.
20. Appoint full-time competent employees in writing to supervise the performance of all specified work throughout the contract period.

Note 2: No work may commence and or continue without the presence of the appointed project manager or project supervisor during performance of the contracted work.

21. Ensure that the supervisor or manager do not supervise work on any site other than the site for which such supervisor has been appointed for.

Note 3: In determining the number of appointed competent supervisors, the nature and scope of work being performed, shall be taken into consideration.

Note 4: If a sufficient number of competent employee(s) have been appointed to assist the construction supervisor, the construction supervisor may supervise more than one site.

22. Appoint a **Full-time construction safety officer** (registered with SACPCMP) in writing.
23. Not victimise or dismiss employees, by virtue of the employees divulging health and safety information or suspecting such information has been divulged, in the interests of health and safety requirements;

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24. Follow a process of disciplinary action if any of their employees or their appointed contractor employees have transgressed any of the requirements of the health and safety specification, safety and health plans, site rules or any other requirements.
25. Ensure that all appropriate precautions are taken to protect persons (visitors, members of the public, and other contractors) present at work or in the vicinity of a construction site against all risks that may arise from such site.
26. Before the commencement of any work, conduct risk assessments which shall include public safety. This should be done by a competent person appointed in writing with a view to identify hazardous and potentially hazardous work operations.
27. Ensure that pre-task risk assessments are conducted and documented daily and prior to the starting of any new task, irrespective of whether it is a repetitive task or not.
28. Take prime responsibility for all aspects of environmental management associated with the project activity for which they are responsible.
29. Provide any appointed contractor who is making a bid or is appointed to perform work on Eskom's behalf, with the relevant sections of the documented Eskom's SHE Specification.
30. Principal contractors are required to approve appointed contractor's health and safety plans if they meet all the requirements.
31. Must ensure that an organisation medical surveillance programme for the duration of the contract is in place and maintained.
32. Prior to having pre-employment and periodic medicals fitness examinations conducted, person/man job specifications must be compiled and handed to the occupational health practitioner.
33. Ensure that pre-employment, periodic and exit medicals are carried out on their employees. Medical assessments must be conducted by a registered Occupational Health Practitioner. During the pre-employment medical, where employees will be required to work at heights, they will also be required to undergo the required employee physical and psychological fitness examinations.
34. Ensure, prior to the commencement of construction work, that all persons involved in the project work, as well as the appointed contractors, have received a health and safety induction training session. Similarly, ensure that all visitors to site undergo the site's induction training.

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35. Ensure, prior to the commencement of construction work or contracted work, that all their employees involved in the project work, as well as the appointed contractors, have received task-specific training.

36. Issue risk-based personal protective equipment (PPE) as a measure of last resort to their employees, inspect such equipment regularly and ensure recipients of PPE are trained in the proper use, care and where necessary, the maintenance of PPE;

Note 5: should the principal contractor or his/her appointed contractors entertain visitors on site, they will be held responsible for the provision and wearing PPE.

37. Erect their own site huts, temporary buildings, storage areas, toilets, fencing, and any other structure as may be required. Any such structures shall be positioned and erected in compliance with any instructions from the Eskom project manager and the relevant site safety and fire prevention requirements.

38. On completion of the work remove all structures erected by them, and where required by law rehabilitate the environment.

39. Where performing work with the environment, ensure that minimal damage is done and that where an Environment Management Plan is in place, then adhere to the plan.

40. Respect the rights of land owners/lessors and the preservation of their registered activities;

41. Must have a substance abuse program which must be in line with the requirements of the OHS Act.

42. Ensure that no alcohol or other intoxicating substances are brought on to, or remains on the work sites.

Note 6: Eskom will not tolerate the presence of anyone who is or who appears to be under the influence of alcohol or any other intoxicating substance whilst performing work for them or on any work site.

43. Ensure that all equipment and tools used comply with OHS Act requirements with respect to condition, use, care, storage, maintenance, and the management of these;

44. Ensure that all incidents are reported and investigated timeously by competent incident investigators.

45. Be involved in all of their appointed contractor's investigations.

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46. Establish health and safety committees, hold such committee meetings on all sites, and ensure that appointed contractors participate in their health and safety meetings.
47. Chair their own health and safety committee meetings and record such meetings.
48. Appoint sufficient number of health and safety representatives in terms of legislative requirements and ensure that the appointed contractors appoint health and safety representatives for their work sites.
49. When appointing contractors, advise the project manager in writing timeously and obtain his/her approval prior to them commencing work.
50. Shall keep a record of all employees including the appointed contractor's employees, including date of induction, relevant skills and licenses and be able to produce this list at the request of the Eskom Project Manager.

2.5.3 Construction Managers/ Contract Managers

Note 1: No work may commence and or continue without the appointed supervisor or manager during the performance of the contracted work.

1. Not supervise construction work on any construction site other than the site they have been appointed to supervise.
2. Assist the contractor and/or the appointed safety officer in conducting site induction training for new staff and site visitors.
3. Instruct and train all employees under their control on any hazardous and related work procedures, before any work commences and thereafter, at such times as may be determined by a risk assessment.
4. Ensure that the minimum legislative and Eskom SHE requirements are complied with on all work sites.
5. Stop any construction work that is not in accordance with the safety and health plan or if such work poses a threat to the safety and health of persons or a risk of degradation to the environment.
6. Ensure that risk-based personal protective equipment (PPE) has been issued, and employees wear/use the PPE as instructed.
7. Inspect such PPE on a regular basis and record the inspections.
8. Ensure that all incidents are reported to the client and are investigated.
9. Be involved in all investigations that occur within their area of responsibility.
10. Carry out audits and or inspections on their contractors at least monthly and any appointed contractors on instructions of their contractor.
11. Ensure that employees under their control are conversant with all relevant work procedures and that they adhere to such procedures.

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12. Before the commencement of any work, where possible, assist in the conducting of risk assessments and ensure that appropriate mitigating measures have been considered and implemented.
13. Ensure that daily or pre-task risk assessments are conducted and documented daily and prior to the starting of any new task, irrespective of whether it is a repetitive task. Ensure that the team are involved in the abovementioned risk assessments.
14. Hold toolbox talks at the start of each day/ task to discuss health and safety issues as well as confirming the requirements of the daily risk assessments.
15. Ensure that all appropriate precautions are taken to protect persons (visitors, members of the public, and other contractors) present at work or in the vicinity of a construction site against all risks that may arise from such site.
16. Ensure that no alcohol or other intoxicating substances are brought on to, or remains on, the premises / work sites and that no employee remains on site if he/she is under the influence. Furthermore, report such instances to contract management.
17. Ensure that all equipment and tools used on site comply with OHS Act requirements with respect to condition, use, care, storage, maintenance, and the management of these.
18. Ensure that they and their contractor managers give clear and unambiguous instructions for the project work, to the employees for whom they are responsible for.
19. Not victimise their employees by virtue of their employees divulging health and safety information or suspecting such information has been divulged, in the interests of health and safety requirements (reference – section 26 of the OHS Act).
20. Where any work is performed which involves the environment, ensure that minimal damage is done to the environment and that where an Environment Management Plan is in place, then the plan adhere to the plan.
21. Stop any employee or contractor from performing construction work which is not in accordance with the principal contractor's and or appointed contractors' health and safety plan which poses a threat to the health and safety of persons.

2.5.4 Contractor Site Supervisor or Contract Supervisor

Must:

1. Be competent to perform the required supervisory tasks.
2. Ensure their employees and all appointed contractors comply with the required statutory and Eskom project requirements.
3. Inspect all work done by the Contractors to ensure adherence to Eskom's standards and specifications
4. Conduct follow-up inspections to ensure findings are closed out and preventative action is in place.
5. Monitor contractors for adhere to statutory requirements and safety standards.

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6. Monitor contractors overall SHE performance on site in order to achieve excellent results
7. Ensuring a Safe working environment is established and maintained by the contractor for the elimination of unsafe acts by all people whilst on the project site.
8. Discuss all SHE related problems with the relevant contractor management timeously in the first instance and thereafter the Eskom project manager in the second instance relating to procedure requirements, non-conformances identified, corrective actions, audits and inspection schedules.
9. Ensuring that quality records are maintained in accordance with legislative and Eskom requirements.
10. Continual liaison between the principal contractor, appointed contractors and employees.
11. Ensures that employees and appointed contractors are aware of latest standards, procedures, work instructions and safety regulations issued by Eskom:
12. Conduct site Inspections for compliance to SHE requirements and compiles the relevant inspection reports.
13. Submit the observation reports to the relevant management.
14. Have meaningful participation in the project statutory health and safety committee meetings.
15. Participate in all appointed contractor incident investigations.
16. Participate in the principal contractor's emergency preparedness planning.
17. Ensure that their own employees and those of any appointed contractor are competent to perform the tasks assigned.
18. Issue site instructions on behalf of the principal contractor where and when the appointed contractors deviate from safety requirements.
19. Assist the principal contractor with the handing over process, in particular the SHE file and relevant documentation.

2.5.5 Employees

Must:

1. Be responsible for their own safety and health and that of their co-workers.
2. Co-operate with their employer to meet all of the employer's as well as legislative and Eskom requirements.
3. Familiarise themselves with their responsibilities during induction and awareness training sessions, some of which are:
 - a. familiarising themselves with their workplaces and safety and health procedures;

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- b. working in a manner that does not endanger them or cause harm to others;
 - c. ensuring that the work area is kept tidy;
 - d. reporting all incidents and near misses;
 - e. protecting fellow workers against injury by performing job observations;
 - f. reporting unsafe acts and unsafe conditions;
 - g. reporting any situation that may become dangerous; and
 - h. carrying out lawful orders and obeying safety and health rules;
4. Who become aware of any person disregarding a safety notice, instruction, or regulation, immediately report this to the person concerned. If the person persists, stop that person from working, and report the matter to contractor management and/or Eskom's project manager or supervisor immediately.
 5. Not damage, alter, remove, render ineffective, or interfere with anything that has been provided for the protection of the site or for the health and safety of persons this includes any guarding of machinery or equipment.
 6. Obey any safety signs and adhere to any site demarcation at all times.
 7. When entering or leaving the site, do so via the official designated access/departure routes. Where reflective jackets/bibs are required to be worn, wear them.
 8. Be subjected to any disciplinary action, if having transgressed any of the requirements of the health and safety site rules, Eskom requirements, company requirements, or legislative requirements.
 9. Avoid any act that may endanger their own health and safety or that of fellow employees, members of the public, or visitors who may be affected by their acts and/or omissions at work.
 10. Have the right to obtain proper information from their employer regarding health and safety risks and measures related to the work processes.
 11. Use facilities placed at their disposal and not misuse anything provided for their own protection or that of others.
 12. Have the right to remove themselves from danger when they have good reason to believe that there is an imminent and serious danger to their health and safety and have the duty to inform their supervisor immediately of such danger.
 13. Report to their supervisor (in the first instance), the principal contractor (in the second instance), and/or the Eskom project manager, any substandard acts and/or conditions that have come to their attention and that have not been rectified or acted on by their contractor management timeously.

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14. Have the right and the duty at any workplace to participate in ensuring healthy and safe working conditions, to the extent of their control, over the equipment and methods of work adopted.
15. Maintain the surrounding area of the work site in a neat and tidy condition.
16. Have meaningful participation in regular health and safety meetings.
17. Have the right to refuse to perform or continue to perform any task/job on the grounds of health, safety, and environmental concerns.
18. When given instructions, understand the instructions and be permitted to clarify those instructions.

2.5.6 Contractor Health and Safety Officer (Full Time)

1. Promote a SHE culture within the organisations involved in the project / contract.
2. The contractor's safety and health officer shall assist in the control of all health and safety-related matters on the sites.
3. Be involved in the developing the project SHE plan and SHE policy.
4. Be in constant liaison and cooperate with Eskom's SHE professionals responsible for providing them with a health and safety service.
5. Ensure that this SHE specification is adhered to by his/her principal contractor and is submitted to any appointed contractors.
6. Conduct audits and inspections of all work sites for the duration of the project.
7. Be involved in the organisations incident investigations when required.
8. Participate in the organisation's statutory and non-statutory health and safety committees meetings.
9. Conduct organisational, site and visitor induction training.
10. Stop any employee or contractor from performing construction work which is not in accordance with the principal contractor's and or appointed contractors health and safety plan which poses a threat to the health and safety of persons.
11. Ensure that no alcohol or other intoxicating substances are brought on to, or remains on, the premises / work sites and that no employee remains on site if he/she is under the influence. Furthermore, report such instances to contract management.
12. Make themselves available and ensure co-operation of employees under their control to undergo breathalyser and drug testing while entering and/or being on any Eskom work site by Eskom.
13. Carry out audits and or inspections on their contractors at least monthly and any appointed contractors on instructions of their contractor.

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14. Carry out frequent behaviour observations of employees under their control at least monthly and any appointed contractors on instructions of their contractor.

2.5 Related/Supporting Documents

Eskom OHS Act section 37 (2) agreement to be signed at procurement during the signing of the NEC contract, it is the responsibility of the project manager to ensure that the 37(2) agreement is signed and a copy be kept in the contractor file at procurement.

3. Specification

3.1 Scope of Work

ENGINEERING AND THE CONTRACTOR'S DESIGN

3.3.1 Employer's design

The works entails the replacement of the roof and building refurbishment. Which entails the following, including the additional scope within the contractor's design (Section 3.3.2):

- Assessment of the entire Roof assembly, which is inclusive of rainwater goods and associated infrastructure, to ensure compliance with SANS
- Replacement of southern end roof system as well as any defect to a SANS approved roofing system with future PV support and Assessment of the entire Roof System to ensure compliance with SANS
 - Removal of the damaged portion of the roof and replaced with a SANS approved roof solution
 - Provide a detailed assessment of the undamaged roof
 - Provide a roof certificated for the entire roof
 - Ensuring that roof assembly complies with SANS10400-XA
 - Replacement of ceiling for the southern
- Replacement of the services impacted by the roof replacement and provide an appropriate CoC
- Provide the documentation required for the occupancy certificate for the building

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3.3.2 Parts of the *works* which the *Contractor* is to design

3.3.2.1 Architectural Scope

The architectural scope is an extension of the overview as per *Employer's* Design. The *Contractor* shall conduct and appointing a competent person to assess damages and provide repair methodology together with the necessary documentation to apply to the respective Local Authority for approval before any work commences.

- Provide detail roof design and layout drawing showing all structural members and components, fasteners, roofing, underlay, sisalation, insulation and bracing, suspension kits, ceilings and its cornices, a lighting layout together with the building management sensors and cable management trays and their fixing.
- The design to ensure material selection criteria is according to performance and efficiency that will meet the requirements to reach SANSXA for roof assembly as well as efficient lighting components and additional spare parts like drivers to be made available and no end of life/model/series components to be provided for. The material selection, drawings, specifications shall be accompanied by samples of said designed for material for approval.
- The design and drawings to be reflective of the exact materials and products used with supporting data sheets. The material selection to have confidence in SANS and its occupancy class and design. The overall design and final design solution to consider all materials and ensure that no adverse reactions are possible and to be the same information as the submitted documentation used to seek approval from the Local Authority.
- The design solution shall consider the existing fabric and shall not negatively affect the building.
- Retain Existing Roof Tiles - Replace only damaged roof tiles, seal the whole roof for leaks, repair underlay and battens where required.
- Full roof painting is required, including: Roof tiles, Gutters, Fascias.
- Gutters & Rainwater Goods: Remove and replace all existing gutters, install new gutters and ensure proper fall and discharge to existing stormwater systems

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- Confirmation with the engineers or stakeholders if there is any asbestos detected. Inspection and assessment to be performed and submitted to the Project Manager.
- With respect to ceiling works the following is applicable to Tile Replacement:
 - Retain existing grid on the unaffected area.
 - Replace only damaged or stained tiles.
 - For the affected area remove the existing grid and install the new grid and ceiling tiles.
- **Internal Painting Works is applicable to the following:**
 - All internal walls excluding office walls.
 - Roof, gutters, and fascias (if roof is retained).
 - Internal handrails and balustrades.
- Regarding floor finishes, remove all existing carpet and supply and install new carpet tiles throughout
- If for whatever reason conduiting needs to be done, the contractor shall ensure no surface conduits are seen, routes ought to be detailed and accounted for
- During the *works*, existing floor's, walls and other possible areas to be protected and adequate roof covering to be provided for and to ensure no further damage due to ingress during construction occurs
- Provide for touch-ups as needed, with plaster work repair/refill and paint work
- After the *works* all walls, floors, external façade, building apron to be clean the necessary care during construction to be followed to minimize cleaning that could cause adverse effects on existing property but as well as neighbouring property, sidewalk and public roads.
- The *Contractor* to ensure evidence is provided by means of photographs of any issues that arises and any supporting evidence for before and after comparisons aiding in hold accountable persons for any damage.
- Clear hold points to be adhered to and all unforeseen circumstances and discrepancies to be raised and approved before the next step.
- All snags to run consecutively as construction progress to minimize risk and liabilities on the project quality and final hand over

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3.3.2.2 Structural Scope

The *Contractor* assesses the roof trusses and replaces all damaged trusses at the southern end of the building.

The *Contractor* ensures all works are approved by a Professional Engineer/Technologist.

3.3.2.3 Electrical Scope

- Illumination Survey

The Contractor shall conduct, appointing a competent person, a post illumination survey according to SANS 10114 part 1 and 2 - Interior lighting - Artificial lighting of interiors and Emergency lighting. The minimum Illuminance levels measured in each respective area shall be presented in a tabulated format for the Eskom Vryburg Main Building (17 Market Street) property.

The Contractor to perform this survey as per the mentioned stipulated standards, compile a comprehensive illumination survey formal report as part of work execution and submit it to the Employer.

- Electrical Lighting (based on the results of the survey):
Upgrade and replace
 - All light fittings throughout the entire building.

Include:

- Energy-efficient LED fittings.
- Testing and commissioning.

- Electrical cables
 - Tests

To assess the structural collapse impact on the electrical infrastructure, the contractor shall carryout insulation resistance and continuity tests on all building's associated power cables.

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Conductor resistance/continuity test shall be performed and the result measured is to be compared against resistance value stipulated in the cable datasheet and it shall be ensured that the measured resistance value is well within the tolerance values provided.

Tests shall be in accordance with SANS 10142-1, 97, 1507, 1574, 1339, 10198-13 and other relevant standards.

The insulation resistance of each core to sheath or conduit and between cores of all cables shall be measured and recorded after the cable has been confirmed dead. Core to sheath or conduit implies phase to earth and core to core connotes phase to phase. For each cable termination, the person performing the testing activity shall ensure printing out their full name, indicate the test date and time, signing and records the readings in the appropriate place provided. A pass criterion shall be as per SANS 5526 and Table 9 of SANS 1507-3 (2020). All these standards shall be adhered to.

Table z: Insulation Resistance test phase to earth

DC Test Voltage	Check Test Voltage	Phase-Earth (Ω)	Cable location
500V	<input type="checkbox"/>		
1000V	<input type="checkbox"/>		
_____ V	<input type="checkbox"/>		

Comments:

Table a: showing Voltage Test results – Phase to neutral

Phase to neutral (V)	Phase to earth – B (V)	Neutral – earth (V)

Activity performed by

Name : _____

Signature and date:

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The *Contractor* replaces the failed cables and replaces them using size specified below, moreover, the contractor shall submit test results to the *Employer*. The intention is to reuse current electrical components such as cabling, switches etc should it be found compliant.

○ Sizes

The *Contractor* ascertains the cabling in the property complies to the following requirements:

The minimum size of copper wire for the lighting circuits shall be 2.5 mm².

The minimum size of copper wire for the socket outlet circuits shall be 4.0 mm².

Sizes of conductors not specified must be determined in accordance with the SANS 10142-1.

Cables for voltage drop compliance shall be prioritised. The maximum voltage drop of 5% shall be used from the distribution board to the further luminaires on the circuit.

The *Contractor* assesses sizes on all circuits and submits a report to the *Employer* prior proceeding to the next step of complying the property.

It is noteworthy that functional cabling shall be reused whereas damaged shall be replaced with the corresponding specification above.

• Conduit, saddles and power trunking

The *Contractor* shall install conduits, and saddles to contain the above ceiling power cables. Where required, power trunking shall also be used.

Install conduits for floating cabling, conduits shall comply with SANS 950.

The power trunking shall comply with SANS 61084-1.

Conduit in roof spaces shall be installed parallel or at right angles to the roof members and shall be secured at intervals not exceeding 1,5m by means of saddles screwed to the roof timbers.

All conduits shall be manufactured of mild steel with a minimum thickness of 1,2mm for plain-end conduit and 1,6mm in respect of screwed conduit and galvanised. All conduit and accessories used shall be galvanised to SANS 121.

Should power trunking, saddles and conduits be found non-compliant, the *Contractor* shall replace them as per the requirements set out in this specification and report latter.

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- Earthing

The *Contractor* shall ensure that the electrical system is properly earthed, and conductive metallic parts bonded to SANS 10142-1.

- Certificate of compliance

Upon completion of the *Works*, full verification testing shall be carried out on the installation(s) and the Employer's representatives shall be invited to witness at the testing phase. At least 12 types, according to the installation rules, of tests shall be performed and recorded on the recording sheets.

A certificate of compliance shall then be tendered to the *Employer's* representative prior or during commissioning for review and submitted for acceptance as part of the handover packages at the completion of the *Works*.

3.3.2.4 Fire Detection Scope

Based on the building's size, it is classified as G1 on a building standard SANS 10200-T, which means it is an office building. Therefore, fire detection systems are not required. Only an evacuation signal, such as a manual call point located on the exit doors, is needed for emergencies. The manual call point can be installed with a buzzer to alert the occupants when there is an emergency.

3.2.5 Fire Escape Doors & Building Signage (Prohibition, Warning, Mandatory, and Emergency/Safe Condition)

Fire Exit Door - Supply and install:

- Single fire exit door with Automatic hydraulic door closer.
- Install in accordance with SANS 1253 (Class , manufacturer specifications.
- single door, complete with all associated components, fittings, and finishes. The door must be of commercial-grade quality. The Contractor must get preapproval of the door of the employer before supply and installation.

Signage

- Remove and replace all old signage.

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- Install new signage where required.
- Renovate the two existing external notice boards.

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.”

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 project manager.
- A copy of 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
 - a. are inappropriate for a person of that child’s age; or
 - b. place at risk the child’s well-being, education, physical or mental health or spiritual, moral or social development
 - c. 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

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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 principal contractor and all appointed contractors will comply with all the legislation pertaining to this project 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.
- National Environmental Management Act 1998 (Act 107 of 1998).
- Environment Conservation Act 1989 (Act 73 of 1989).
- National Water Act 1998 (Act 36 of 1998)
- Civil and Building Work Act.
- National Road Traffic Act 93 of 1996.
- Compensation for Occupational Injuries and Diseases Act.
- SANS Standards –Contractor shall use the relative standards applicable to the project.

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3.3 Eskom Requirements

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

3.4 Construction Professional Registration

The principal contractor and all his/her appointed contractors shall be registered in their respective levels as professionals in terms of the requirements of the SACPCMP.

The SACPCMP web address is <http://www.sacpcmp.org.za>

- SHE professionals (which include Construction Safety Officers) are required to register
- as professionals with the SACPCMP.
- Construction Managers are required to register as professionals with the SACPCMP.
- Construction agents are required to register as a professional with the SACPCMP.

3.5 Notification of Construction Work

Unless otherwise contractually agreed upon, the principal contractor must notify the relevant provincial director of the Department of Labour of the intention of carrying out any construction work as defined in Construction Regulation 4 of the Act. The notification form of construction work is listed as an annexure to the construction regulations of the OHS Act. A copy of the notification letter sent to the DoL shall be forwarded to the Project Manager on the same day as sent to the DoL. A copy of the letter and their approval must be kept in the SHE file. When the DoL provide a letter of approval, a copy of the approval must be sent to the Eskom Project Manager and a copy filed in the SHE file.

3.6 SHE Policy

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.

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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 the contractor SHE files and attached as an annexure in the SHE Plan.

3.7 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 (LoG) from such commissioner. The obligation lies with the contractors to ensure that the LoG remain valid throughout the contract period. A copy of the LoG must be filed in the contractor SHE files.

3.8 Costing for SHE within the Project

The costing for SHE must be itemised based on the overall scope of the project (i.e.) training, provision of PPE, safety equipment purchases etc.

3.9 Statutory 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 the following:

- OHS Act Construction Regulation 8(1) - Construction Manager (**Full time**)
- OHS Act Construction Regulation 8(7) – Assistant Construction Supervisor
- OHS Act Construction Regulation 8(5) – Construction Health and Safety Officer (**Full time**)
- OHS Act General Administrative Regulation 9(2) – Incident Investigator

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- OHS Act Section 19 (3) - Health and Safety Committee Member
- OHS Act Section 19(6)(a) – Co-opted Health and Safety Committee member
- OHS Act Hazardous Chemical Substances Regulation 3(3) Hazardous Chemical Substances Co-coordinator
- OHS Act, Section 17 – Health and Safety Representative.
- OHS Act General Machinery Regulation 2(1) – Supervision of Machinery
- OHS Act Construction Regulation 7(1)(V) Appointment of a Contractor (if appointing subcontractors)
- OHS Act Construction Regulation 9(1) - Person to Compile Risk Assessments
- OHS Act Construction Regulation 10(1) - Competent Person to Compile Fall Protection Plan
- OHS Act: Pressure Equipment Regulations 11 & 12 Portable Gas Container Inspector
- OHS Act: Construction Regulations 11(1) Person to Supervise Excavation Work
- OHS Act: Construction Regulations 16(1) Scaffolding Supervisor
- OHS Act: Construction Regulations 23(1)(d)(i) Construction Vehicle and Mobile Plant Operator
- OHS Act: Construction Regulations 24(c) Electrical Installations and Machinery on construction sites
- OHS Act: Construction Regulations 28(a) Stacking and Storage Supervisor on Construction sites
- OHS Act: Construction Regulations 29(h) Firefighting Equipment Inspector
- OHS Act General Safety Regulations 3(4) – First Aider/s

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3.9.1 Non-Statutory appointments

- Eskom requirement – Emergency Planning Co-coordinator
- Eskom requirement - Chairperson of Health and Safety Committee

3.10 Eskom Life-Saving Rules

1. Eskom views health and safety in high esteem and encourages that any organisation who performs work for Eskom in Eskom adopt the same view.

2. Six Life-Saving rules have been developed that will apply to all Eskom Employees, agents, consultants, and **contractors**. Failure to adhere to these rules by any Eskom employee or employee of a Principal Contractor or appointed contractor will be considered a serious transgression. These rules are being implemented to prevent serious injury or death of any employee, labour broker or contractor working in any area within Eskom.

3. If any contractual work will be performed on any Eskom premises (including delivery of any product), then the rules **shall be obeyed** by any contractor and their employees. The rules are:

RULE DESCRIPTION OF RULE

RULE	DESCRIPTION OF RULE
Rule 1	OPEN, ISOLATE, TEST, EARTH, BOND, AND/OR INSULATE BEFORE TOUCH (That is plant, any plant operating above 1000 V)
Rule 2	HOOK UP AT HEIGHTS Working at height is defined as any work performed above a stable work surface or where a person puts himself/herself in a position where he/she exposes himself/herself to a fall from or into.
Rule 3	BUCKLE UP

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	No person may drive any vehicle on Eskom business and/or on Eskom premises: Unless the driver and all passengers are wearing seat belts.
Rule 4	BE SOBER No person is allowed to be under the influence of intoxicating liquor or drugs while on Duty
Rule 5	PERMIT TO WORK Where an authorisation limitation exists, no person shall work without the required permit to work.
Rule 6	Ensure Safe Live Working Ensure all live work basic principles are adhered to, as outlined (for the method being used) in the High Voltage Live Working Standard for the respective division

Eskom will take a stance of zero tolerance on these rules.

Non-compliance to a Life Saving rule will be considered serious misconduct and will lead to serious disciplinary action, which may include dismissal.

This is to ensure that **every person** who works on or visits an Eskom **returns home safely to his or her family**.

3.11 Substance Abuse

1. Alcohol and substance abuse poses a significant threat to any business, more so in industrial incidents and the driving of vehicles. Eskom is therefore, entitled to take reasonable steps to ensure that intoxicated persons are identified and prevented from entering Eskom.

2. General Safety Regulation 2A is clear on the legal stance regarding intoxication.

3. The alcohol and drug permissible level is 0%.

4. All contractors shall comply with Eskom's procedure 32-37 ("Substance Abuse Procedure"), taking into account that this is an Eskom Life-saving Rule number 4:

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BE SOBER”), this means anyone entering the Eskom will be subjected to ad hoc alcohol testing.

5. Contractors are encouraged to compile their own manual and to carry out regular alcohol testing of their own employees. The legislative alcohol level is deemed to be zero.

6. Test records must be treated as “Confidential” and filed in the employees’ personal file.

3.12 Contractor Organisational Structure

3.12.1 Principal Contractor Organogram

The principal contractor must provide an organisational organogram related to this contract, depicting all the levels of responsibility from the CE down to the supervisors responsible for the contract. List the relevant positions held, names of appointees and legal appointments.

The principal contractor must ensure that all appointed contractors comply with this requirement. The principal contractor is responsible for keeping copies of all the organograms’ as well as submitting them with the SHE plans. All organograms shall be updated timeously when appointments are changed.

This diagram must be kept up to date and filed in the project SHE files.

3.12.2 Appointed Contractor/s Organogram

1. Appointed contractors are required to compile their company organogram for the project, listing the reporting structure from their CE down to their project supervisors. The diagram must list the names, positions held, and any appointments made.

2. This diagram must be kept up to date, a copy of which must be given to the principal contractor and a copy filed in the relevant project SHE files.

3. This diagram must be kept up to date and filed in the project SHE files.

3.13 Risk assessment (refer to 32-520)

It is a legal requirement in terms of Section 8 (2)(d) of the OHS Act for an employer to carry

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out risk assessments, to establish which risks and hazards are attached to the health and safety of persons due 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.

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. Daily or issue based or task specific or on the job risk assessments must be conducted at the place where work is to be performed/ conducted 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. For example if a job / task is extended over a day or halted due to inclement weather.

Guidelines for actual steps involved in a job/task specific risk assessment are:

- Each activity is listed;
- Specific hazards are identified and listed against each activity;
- The magnitude of each risk is rated as Low, Medium or High;
- All known documentary and supervisory controls are listed. For instance: What safe work procedures exist for ladders;
- The relevance, effectiveness and sufficiency of these controls are assessed;
- In the event of insufficient or deficient controls for the particular activity, steps to be taken to rectify this shall be recorded, and safe working procedures drawn up;

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- Persons responsible for implementing and supervising the task shall be identified, nominated and duly assigned;
- Persons responsible for monitoring the task and carrying out the planned job observation must be nominated;
- Completed risk assessment shall be handed to the Eskom project manager representative for comment and approval.

The relevant section of the risk assessment shall be issued with a Transmittal Note to the Supervisor nominated as the responsible person; and the names of workmen who have received instruction on the work content and the sequence of the activities listed in the risk assessment shall be recorded, and their competence established. This instruction shall be done through an interpreter if required and recorded on the Pre-Job Brief (Daily Safe Task Instructions), with reference to applicable Risk Assessments.

3.14 Safe Work Procedures / Method Statements

Method statements / written safe work procedure are control measures used to prevent an incident from occurring during the execution of the project. A written safe work procedure/ method statements provide guidance how to execute the task safely. A safe working procedure should be written when:-

- Designing a new job or task
- Changing a job or task
- Introducing new equipment or substances; and

The safe working procedure should identify:

- The supervisor for the task or job and the employees who will undertake the task;
- The tasks that are to be undertaken that pose risks;
- The equipment and substances that are used in these tasks;
- The control measures that have been built into these tasks;
- Any training or qualification needed to undertake the task;

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- i. The personal protective equipment to be worn;
- j. Actions to be undertaken to address safety issues that may arise while undertaking the task.

3.15 Construction Sites

Note 1: No area is to be stripped of vegetation to create firebreaks, to prevent or make fires. No open fires are allowed on site. The contractor must ensure that operations are in compliance with statutory requirements at all times.

1. The contractor must develop a fire safety procedure for the construction site prior to commencing work. The procedure must take into consideration the size of the site/s, the type of work performed and amount of combustible materials. Cognisance of OHS Act CR 29 must be made.
2. It must be developed in accordance with the hot work permit of the Eskom Plant Safety Regulations, Eskom Fire Risk Management requirements and all other applicable Regulations. All workers entering and working in the construction site need to be trained in fire safety and any duties they are required to perform.
3. A suitable fire warning system for alerting site personnel of fire shall be provided, and capable of being heard in all areas of the site.
4. Appropriate portable extinguishers must be available on the construction site and in cases of hot work, be readily available at the location.
5. Storage of combustible and flammable liquid in the construction site is not permitted unless stored in approved flammable cabinets or outdoors away from the buildings.
6. Site Smoking Restrictions must be enforced. No open flames are permissible and where hot work is performed, the work areas must be cleared of any combustibles prior to commencement of work.

3.16 Fire Equipment and maintenance

1. All firefighting equipment's that have been provided shall:

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- a. Be clearly labelled
 - b. Conspicuously numbered
 - c. Entered in a register
 - d. Inspected monthly by a competent person
2. Tested and serviced at recommended intervals by an accredited supplier
 3. Results entered in the register and signed by competent person.

3.17 Flammable and Combustible Liquids

1. Proposals to store fuel on site must have written approval from the Eskom Project Manager. The volumes of fuel allowed to be stored will depend on site conditions and Statutory Regulations.
2. A maximum storage of 40 litres of fuel is allowed to be stored. Anything greater than 40 litres to be stored in a flammable/combustible liquid store.
3. Adequate numbers of dry chemical fire extinguishers, each with a minimum capacity of 4.5 kg, shall be provided, installed and maintained.
4. All fuel storage areas must comply with the following requirements: -
 - a. Storage should be well clear of buildings.
 - b. Storage areas must be kept free from all combustible materials.
 - c. All Safety signs must be prominently displayed i.e
 - Flammable Liquid.
 - No Smoking.
 - No open flames.
 - d. Adequate firefighting equipment must be available.
5. Diesel tanks are to be installed in a bunded area; bunded area must be able to contain 110% of tank capacity.

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6. Bunded area shall be of a concrete or steel construction and lined with a leak proof sealing material.

7. Bunded area shall have a drain valve.

8. No other material/equipment shall be stored in the bunded area.

3.17.1 Hazardous Chemical Agent

1. The Contractor shall carry out all duties as listed in section 8(f), that form part of the OHS Act No. 85 of 1993
2. Regulations for Hazardous Chemical Agents 2021 – GG 44348, GNR. 11263 (Published 29 March 2021) and Amendment to Annexure 3 of the Regulations – GG 44366, GNR 11263.

These regulations will apply to:

- An employer or a self-employed person who carries out work at a workplace which may expose any person to a Hazardous Chemical Agent (HCA) at the workplace; and
 - At workplace.
3. Duties of persons who may be exposed to HCA - Regulation 4. Any person shall obey lawful instructions regarding:
 - Prevention of HCA release
 - Use of Personal Protective Clothing (PPC) & Equipment (PPE)
 - Wearing of monitoring equipment (when assessments are done)
 - Reporting for evaluation & biological tests
 - Cleaning up and disposal of HCA containing materials
 - Housekeeping, personal hygiene,
 - Application of information & training
 4. Employer or self-employed person shall after consultation with the H&S Rep, or Committee,
 - Have an assessment made
 - Repeat it every two years to determine potential exposure by any route:
 - Inhalation
 - Ingestion
 - Skin absorption

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5. Safety Data Sheet- It is divided into 16 sections and provides the basic and emergency info such as ingredient composition and information, routes of exposure and first aid measures. The information most people need are found in the first 8 sections.

For the duration of the project as far as reasonably practicable, not permitting any employee to do any work or to produce, process, use, handle, store or transport any article or substance or to operate any plant or machinery, unless the precautionary measures contemplated in paragraphs (b) and (d), or any other precautionary measures which may be prescribed, have been taken

3.17.2 Refuelling at the Construction Site

With the exception of construction vehicles and mobile equipment, before a machine is refuelled, the motor must be stopped. Refuelling shall take place at designated safe areas and appropriate warning signs installed. Suitable drip trays must be used to prevent spillage at the filling nozzle.

3.18 First Aid and Equipment

1. The requirements of the OHS Act GSR 3 must be observed.
2. First aid appointments must be made to meet the requirements, this includes construction sites. Appointees must be trained to level 2. It is good practice for all employees to be trained to at least level 1.
3. When appointing employees for work sites, cognisance must be taken into account the type of work performed, the distance teams are working apart and the terrain to be covered if an emergency should arise.
4. A list of emergency numbers must be displayed on the notice boards and made accessible for all employees.
5. Principal Contractor must ensure that his /her employees and appointed contractor employees are familiar with the emergency numbers.
6. Contractors shall have one first aid box for the first 5 persons and thereafter one for every 50 or team of workers on site or part thereof, taking into account the type of work performed and the distance between teams.

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7. More first aid boxes shall be provided in accordance with the risk assessment. Boxes must be available and accessible for the immediate treatment of injured persons at the workplace.

8. For offices, signs indicating where the first aid box or boxes are kept as well as the name and contact details of the First Aider of such first aid box or boxes shall be erected.

9. The Principal Contractor and appointed contractor shall ensure that alternative arrangements be made for incidents occurring after working hours.

3.18.1 Boxes and Equipment

The following is a list of minimum contents of a first aid box:

- Item 1: Wound cleaner/antiseptic (100ml).
- Item 2: Swabs for cleaning wounds.
- Item 3: Cotton wool for padding (100 g).
- Item 4: Sterile gauze (minimum quantity 10).
- Item 5: 1 Pair of forceps (for splinters).
- Item 6: 1 Pair of scissors (minimum size 100 mm).
- Item 7: 1 Set of safety pins.
- Item 8: 4 Triangular bandages.
- Item 9: 4 Roller bandages (75 mm X 5 m).
- Item 10: 4 Roller bandages (100 mm X 5 m).
- Item 11: 1 Roll of elastic adhesive (25 mm X 3 m).
- Item 12: 1 Non-allergenic adhesive strip (25 mm X 3 m).

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- Item 13: 1 Packet of adhesive dressing strips (minimum quantity, 10 assorted sizes).
- Item 14: 4 First aid dressings (75 mm X 100 mm).
- Item 15: 4 First aid dressings (150 mm x 200 mm).
- Item 16: 2 Straight splints.
- Item 17: 2 Pairs large and 2 pairs medium disposable latex gloves.
- Item 18: 2 CPR mouth pieces or similar devices.

A content check list must be available with all boxes and boxes shall be checked on a regular basis, kept clean and dust free.

3.19 SHE Communication Systems

Principal Contractor/s and their appointed contractors must develop a communication strategy outlining how they intend to communicate SHE issues to their staff, the mediums they will employ and how they will measure the effectiveness of their SHE communication. Below is a brief on how communication should take place. Where project meetings are conducted on site, SHE shall be included as a standing agenda point and minutes of these meetings shall be available on site at all times. Minutes of meeting must be compiled and filed in the relevant SHE files. All employees shall have access to these minutes. Attendance register shall be kept for all the health and safety meetings.

3.19.1 Statutory Health and Safety Committees

1. The principal contractor shall establish statutory health and safety committee in terms of Section 19 of the OHS Act, Act. Similarly, appointed contractors shall establish their own statutory health and safety committee.
2. All appointed contractors shall be members of the principal contractor's safety committee.
3. The Committee shall meet to discuss SHE issues concerning the current work being performed, training, upcoming work and SHE requirements, incidents and lessons learned specific SHE problems, safety performance, action plans and other relevant SHE issues. Listed below is a preferred agenda.

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4. SHE representatives for a workplace shall be members of the relevant workplace safety committees (Refer to Section 19 (2) (a) of the OHS Act).

5. The number of persons nominated by employer must not be more than the Health and Safety Representatives on that specific statutory health and safety committee. (Refer to Section 19(2)(c) of the OHS Act)

6. A statutory health and safety committee meeting shall be held at least 3 monthly (where medium to high-risk work is involved, more frequent if required), and all appointed members of the committee shall attend the meeting.

7. Statutory health and safety committees may make recommendations to the principal contractor and the project manager and the Inspector at DoL.

8. All health and safety committees shall discuss all projects related OHS Act Section 24 and 25 incidents and other notified serious incidents.

9. Health and safety committees shall follow up on incident investigation recommendations and shall keep record of all recommendations made by the committee.

10. Statutory health and safety committees may make recommendations for the revision of current standards, procedures and practices.

11. The principal contractor and appointed contractors shall ensure that statutory and non-statutory health and safety committees carry out their duties.

12. The chairperson of the health and safety committees shall be selected and appointed by the contractor. The appointed chairperson must be competent to chair meetings and be able to make informed decisions.

3.19.2 Non-Statutory Health and Safety committees

1. Where there are large worksites, then non-statutory sub-committee must be established within that worksite to assist with the communication of health and safety related matters between the statutory health and safety committee and the workplace.

2. The duties and responsibilities of the non- statutory health and safety committees will be the same as the statutory safety committee

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3.19.3 Agenda

1. The following serves as the guideline for the SHE Committee meeting agenda.

- List of agenda items:
- Matters arising from previous minutes
- Matters arising from Contractor's SHE meetings.
- Audit results and feedback
- Review Health and Safety Representative Inspection Reports
- Review
- Incident investigation reports
- Non-Conformances
- Announcements (near miss/injury/damage)
- Follow up on recommendations made by the employer in incident investigation reports
- Accident Prevention – Safety Promotion
- Planned Job Observations
- SHE Training
- Protective clothing and equipment
- Incident Announcements / Recall
- Forthcoming High hazard activities.
- Non-conformances.
- Housekeeping.
- Work permits.
- Work procedures.
- Hazardous materials / substances.
- Fire Prevention
- Occupational Hygiene Assessments, Health Risks and Actions
- Security
- Construction vehicles and mobile equipment
- Rules, Instructions
- Public Safety
- Environmental Management
- Emergency Preparedness
- Statistics report
- Closure

3.19.4 Minutes and action items for all health and safety committee meeting

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1. Minutes and record of action items shall be kept of all health and safety committee meetings.
2. Action column with target dates and responsible person shall be clearly visible on the minutes and shall be completed during the meeting.
3. Statutory health and safety committee meeting minutes and record of action items shall be kept for the duration of the project or a minimum period of three years.
4. Non-statutory health and safety committee meeting minutes shall be kept for the duration of the project or a minimum period of 12 months.
5. All other meeting minutes where SHE is on the agenda, shall be kept for a minimum period of 12 months.
6. The original copy of the minutes and record of the action items must be signed by the chairperson.
7. The relevant project manager and principal contractor shall endorse the relevant minutes with his/her recommendations and return the minutes to the relevant contractors chairperson within 14 calendar days of the meeting.

3.19.5 Toolbox talks / Daily team talks / Pre job meeting

1. A meeting must be held prior to the commencement of the day's work with all relevant personnel associated with the work task in attendance. The job, relevant procedures, associated hazards, safety measures, i.e. the task risk assessments shall be discussed. Each employee who attends the briefing shall sign an attendance list of that pre-job brief form undertaking that they have an understanding of the tasks, risks and control measures required.
2. Where possible, toolbox talks can be included in the pre-job brief meetings. If this does not occur, then weekly toolbox talks must be conducted. The toolbox talk topics will be based on SHE issues pertaining to the construction site and or the project. The topic contents shall be in writing. Attendance registers with the topic listed shall be kept.

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3.20 SHE Training

1. The principal contractor, when making a bid for this project shall provide a breakdown list of the SHE training requirements and the costing of such requirements. Similarly, appointed contractor must provide the same requirements when bidding with the principal contractor.
2. The scope of training includes but is not limited to the type of work being performed and the relevant procedures. Additional to the requirements, will be that the principal contractor and appointed contractors must have the appropriate qualifications, certificates and employees should always be under competent supervision.
3. Where legislative and Eskom recommended appointments are made, the relevant training shall be given to those appointees prior to the acceptance of those appointments.
4. When there is an amendment to the Acts and/or to the regulations, SHE specification and SHE plan, all affected staff shall undergo the applicable refresher training.
5. Appropriate time must be set aside for training (induction and other) of all employees.
6. Records of all training and qualifications of all contractor employees must be kept on the SHE file.

3.21.1 Induction Training

1. The principal contractor shall ensure that all his / her employees, appointed contractors and their employees have undergone the Eskom Safety Contractor Management induction training prior to commencing work on site.
2. Attendance registers must be completed of any induction training given, which must indicate that they have received and understood the induction training.
3. Prior to attending the induction training, all employees must undergo a preemployment medical examination and found fit for duty. A copy of the certificate of fitness must be kept in the SHE file on site for the duration of the project.
4. All employees and visitors on site shall carry the proof of induction training.

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3.21.2 Site Specific Induction Training

The principal contractor shall ensure that all his / her employees and appointed contractor employees undergo site specific work induction with regard to the approved project SHE plan, general hazards prevalent on the construction site, construction risk assessment, rules and regulations, and other related aspects. The induction training should also include identification of sensitive features such as wetlands/vlei areas, red data species, graves, etc.

3.21.3 Visitors to Site Induction

1. Visitors to the site shall be required to undergo and comply with the principal contractor's site-specific safety induction prior to being allowed access to site.
2. All visitors must remain in the care and custody of a person (host) who has been properly inducted. No visitors are permitted to undertake any work onsite, of any nature.
3. Visitors who have completed site induction must be provided with a record of proof of Induction training.

3.21.4 General Training

The principal contractor will be required to ensure that before an employee commences work on the project, the respective supervisor informs the employee of his scope of authority, the hazards associated with work as well as the control measures to be taken. This will include man-job specifications, the discussion of any task procedures or hazardous operational procedures to be performed by the employee. The Principal Contractor is to ensure that the supervisor has satisfied himself that the employee understands the hazards associated with any work to be performed by conducting task/job observations.

3.22 Contractor Site Establishment

1. Principal contractor's site facilities should be always managed.
2. Prior to establishing a project site, a site plan is required to be drawn listing position

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of all buildings, amenities, storage and stacking areas. The appropriate colour coding and demarcation of storage and stacking areas must be carried out.

3. Where, working in the field and material is stored at the work sites, then proper stacking and storage shall be carried out.

4. When compiling the site plan, cognisance must be taken to the establishment of the site camp, ablution facilities and dining area in relation to one another and away from stacking and storage areas.

3.22.1 Construction Vehicle Safety

1. It is the responsibility of the driver to ensure:

- Their passengers wear seat belts whilst the vehicle is in motion.
- Comply with all traffic road rules, safety, direction and speed signs.
- Ensure that vehicle loads are properly secured prior to moving off.
- Ensure that vehicles are not overloaded.

2. No drivers or operators may text, talk on cell phones or two way radios whilst driving, unless a hands free kit is used.

3. All drivers of construction vehicles are to have valid medical fitness certificates.

4. Each Project site that is enclosed by demarcation will have system/ process to manage vehicle access to site.

5. Contractor must maintain their vehicles in a roadworthy condition and a vehicle license must be valid at all times.

6. Drivers of light vehicles must avoid stopping or parking in the vicinity of machines. At least 30 (thirty) meters must be left clear between such a vehicle and such a machine

7. Contractor vehicles can be subject to inspections by the Client/Agent's representative. Vehicles which are not roadworthy will not be permitted to be used on the project.

8. Drivers/operators shall be responsible for the travel-worthiness of all loads conveyed by them. Precautions shall be taken to secure all loads properly. Loads projecting

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from vehicles shall be securely loaded and in daytime a red flag and during darkness a red light or red reflective material shall be attached to the extreme end of such projecting material.

3.23 Housekeeping and Order

1. All contractors shall maintain a high standard of housekeeping within their sites and vehicles for the duration of the project.
2. Prompt disposal of waste materials, scrap and rubbish is essential.
3. Materials/objects shall not be left unsecured in elevated areas –falling objects may cause serious injuries/fatalities.
4. Nails protruding through timber shall be bent over or removed so as not to cause injury.
5. All packaging material including boxes, pallets, crates, etc. to be removed from the work area immediately.
6. On completion of his / her work, the contractor is responsible for clearing his / her work area of all materials, scrap, temporary buildings and building bases to the satisfaction of the client/agent.
7. In cases where an inadequate standard of housekeeping has developed, compromising safety and cleanliness, anyone has the responsibility to bring it to the attention of the principal contractor in the first instance and the Eskom project/site manager in the second instance.
8. The Eskom Project/Site Manager has the right to instruct the principal contractor and appointed contractors to cease work until the area has been tidied up and made safe. Neither additional costs nor extension of time to the contract shall be allowed as a result of such a stoppage. Failure to comply with this requirement will result into site cleaning by another cleaning contractor company at the cost of the principal contractor.
9. The principal contractor shall carry out regular safety/housekeeping inspections (at least weekly) to ensure maintenance of satisfactory standards. The principal contractor shall document the results of each inspection and shall maintain records for viewing.

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3.23.1 Stacking

1. Before stacking any material, the contractors or their employees must consult the contract manager for authorisation to use such an area for stacking purposes. This is to prevent haphazard arrangements.
2. Adequate care must be taken by the contractor to ensure that storage and stacking is carried out correctly and safely.
3. Correct shelf stacking must be carried out, heavy and bulky on the bottom, light and small on top.

3.24 Workplace Signage and Colour Coding

1. Symbolic safety signage shall be displayed where it is required by legislation.
2. All symbolic safety signage shall conform to the requirements of SANS standard 1186.
3. Signs shall be positioned to be seen from most positions within the work sites / areas.
4. All signage must be clear at all times and be replaced timeously when worn out.
5. Contractors establishing sites must erect a company sign at their site offices to reflect the name and contact details of the: Construction Supervisor; Health and Safety Manager/Practitioner; First Aider; Health and Safety Representative and Evacuation warden.
6. The location of every first aid box; fire extinguisher and emergency exit is to be clearly indicated by means of a sign.
7. When using, an explosive power tool the appropriate signage shall be erected, warning people of its use.
8. Contractors shall provide signage where work is conducted and where unauthorised entry is prohibited and/or where alerting and cautioning passers-by to be aware of potential dangers.

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9. The meanings of the appropriate symbolic signage must be discussed during induction training and toolbox talks.

10. Where possible, within workshops, work areas and established premises, the appropriate sign indicating the meaning of symbolic safety signs must be displayed.

3.25 Tools and Equipment

1. Contractors shall ensure that all tools and equipment are identified, safe to be used and is maintained in a good condition.

2. Contractors shall ensure that all tools and equipment are listed on an inventory list, be regularly inspected at least monthly or as required by legislation and risk assessments. The equipment should be numbered or tagged so that it can be properly monitored and inspected.

3. Where applicable, tools and equipment must have the necessary approved test or calibration documentation prior to being brought onto the project and the records shall form part of the SHE plan. Maintenance calibration shall be undertaken in terms of the manufacturer's requirements.

4. All fuel driven equipment must be properly maintained in accordance with the manufacturer's recommendations and legal requirements.

5. Eskom reserves the right to inspect tools or items of equipment brought to site by contractors for use on this project.

6. Should Eskom personnel find any item that is inadequate, faulty, unsafe or in any other way unsuitable for the safe and satisfactory execution of the work for which it is intended, the Eskom personnel shall advise the contractor in writing and the contractor shall forthwith remove the item from site and replace it with a safe and adequate substitute.

Note: In such cases, the contractor shall not be entitled to extra payments or extensions of time in respect of delay caused by Eskom's instructions.

7. Where defective tools and equipment's are identified, such tools and equipment shall be removed out of site immediately, locked away to prevent further use until such time as the tool or piece of equipment has been repaired.

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8. Contractors shall ensure that the appropriate records are kept for all tools and equipment used on the project. Such tools and equipment's shall be subjected to regular inspections.

3.25.1 Hand tools

1. All hand tools (hammers, chisels, spanners, etc.) must be recorded on a register and inspected by the construction supervisor on a monthly basis as well as by users prior to use.
2. Tools with sharp points in toolboxes must be protected with a cover.
3. All files and similar tools must be fitted with handles.
4. No make shift tools are permissible on the project.

3.26 Ladders

1. Ladders used shall conform to the requirements of GSR 13A and used in terms of GSR 6.
2. The appropriate head protection, with chin strap shall be worn by employees working from a ladder or with climbing irons.
3. The ladder wheels, brakes and platform must be in good condition.
4. All metal parts to be in good condition, no cracks.
5. Non-slip devices must be in good condition and no paint to be on wooden ladders
6. Climbing irons are permitted to be used in place of ladders on condition that the requirements of GSR 6 are not compromised and from an electrical point of view not damage any cabling. The working at heights risk assessment must indicate the use of climbing irons.
7. Employees using climbing irons shall be suitably trained in the use, care and maintenance of such climbing irons.

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8. When using climbing irons, the appropriate rope grab fall prevention system shall be used.

9. The correct fall protection equipment shall be worn and used whilst climbing up, working from and climbing down ladders.

10. The appropriate head protection, with chin strap shall be worn by employees working from a ladder or with climbing irons.

11. A detailed inspection of all ladders shall be conducted monthly by a competent person and every time prior to climbing by employees using such ladders. The inspection check lists must be filed in the site SHE files.

3.27 Scaffolding

Contractor must appoint a competent person in writing who must ensure that all scaffolding work operations are carried out under his or her supervision and that all scaffold erectors, team leaders and inspectors are competent to carry out their work.

Contractor must ensure that Scaffolds must be tagged to indicate their "safe for use" or "unsafe for use" status.

Contractor must ensure that such scaffolding when in use, complies with safety standards incorporated for this purpose into these regulations under section 44 of OHS Act and Section 16 and 17 of the Construction Regulations.

Contractor must ensure those working on scaffolding are trained on working at height and deemed fit to work at height.

Contractor to ensure an approved fall protection plan is in place.

3.27.1 Lifting Machines, Hand-Powered Lifting Devices and Lifting tackles

1. Lifting machines, hand-powered lifting devices and lifting tackles according to the Driven Machinery Regulations 2015, Section 18 the following regulations should be adhered to:
2. (1) No user shall use or permit the use of a lifting machine unless

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3. (a) it has been designed and constructed in accordance with a generally accepted technical standard;
 4. (b) it is conspicuously and clearly marked with the maximum mass load which it is designed to carry with safety: Provided that when this mass load varies with the conditions of use a table showing the maximum mass load with respect to every variable condition shall be posted up by the user in a conspicuous place easily visible to the operator, and
 5. (c) it has at all times at least three full turns of rope on the drum of each winch which forms part of such a machine when such a winch has been run to its lowest limit.
- (2) The user shall, where practicable, provide every power-driven lifting machine with
1. (a) A brake or other device capable of holding the maximum mass load should the power supply fail, or which is such that it will automatically prevent the uncontrolled downward movement of the load when the raising effort is interrupted; and
 - (b) A limiting device which will automatically arrest the driving effort when -
 - (i) the hook or load attachment point of the power-driven lifting machine reaches its highest safe position; and
 - (ii) in the case of a winch-operated lifting machine with a lifting capacity of 5000 kg or more, the load is greater than the rated mass load of such a machine.
- (3) The user shall cause every chain or rope which forms an integral part of a lifting machine to have a factor of safety as prescribed by the standard to which such machine was manufactured: Provided that in the absence of such prescribed factor of safety, chains, steel-wire ropes and fibre ropes shall have a factor of safety of at least four, five and ten respectively, with respect to the rated carrying capacity of the lifting machine.
- (4) The user shall cause every hook or any other load-attaching device which forms an disconnection of the load under working conditions cannot take place.
- (5) The user shall cause the whole installation and all working parts of every lifting machine to be thoroughly examined and subjected to a performance test, as prescribed by the standard to which the lifting machine was manufactured, by a person who has knowledge of the erection and maintenance of the type of lifting machine involved or similar machinery and who shall determine the serviceability of the structures, ropes, machinery and safety devices, before they are put into use following every time they are dismantled and re-erected, and thereafter at intervals not exceeding 12 months: Provided that in the absence of such prescribed performance test the whole installation of the lifting machine shall be tested with 110 percent of the rated mass load, applied over the complete lifting range of such machine and in such a manner that every part of the installation is stressed accordingly.

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(6) Notwithstanding the provisions of subregulation (5), the user shall cause all ropes, chains, hooks or other attaching devices, sheaves, brakes and safety devices forming an integral part of a lifting machine to be thoroughly examined by a person contemplated in sub regulation (5) at intervals not exceeding six months.

(7) Every user of a lifting machine shall at all times keep on his premises a register in which he shall record or cause to be recorded full particulars of any performance test and examination prescribed by sub regulations (5) and (6) and any modification or repair to the lifting machine and shall ensure that the register is available on request for inspection by an inspector.

(8) No user of machinery shall require or permit any person to be moved or supported by means of a lifting machine, unless such machine is fitted with a cradle approved for that purpose by an inspector.

(9) No user shall use or permit any person to use a jib crane with a lifting capacity of 5000 kg or more at a minimum jib radius unless it is provided with –

(a) A load indicator which will indicate to the operator of the jib crane the mass of the load being lifted: Provided that such a device shall not require manual adjustment, from application of the load to the jib crane until the release of that load, using any motion or combination of motions permitted by the crane manufacturer to ensure safe lifting; or

(b) A limiting device which will automatically arrest the driving effort whenever the load being lifted is greater than the rated mass load of the jib crane, at that particular radius, using any motion or combination of motions permitted by the crane manufacturer to ensure safe lifting: Provided that such a device shall not arrest the driving effort when the jib-crane is being operated into a safer condition.

(10) No user shall use or allow the use of any lifting tackle unless the following conditions are complied with, namely that -

(a) every item of lifting tackle is well constructed of sound material, is strong enough and is free from patent defects and is in general constructed in accordance with a generally accepted technical standard;

(b) every lifting assembly consisting of different items of lifting tackle is conspicuously and clearly marked with identification particulars and the maximum mass load which it is designed to lift with safety;

(c) ropes or chains have a factor of safety with respect to the maximum mass load they are designed to lift with safety of

(i) ten for natural-fibre ropes;

(ii) six for man-made fibre ropes or woven webbing;

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(iii) six for steel-wire ropes except for double part spliced endless sling legs and double part endless grommet sling legs made from steel-wire rope, in which the factor of safety shall be at least eight;

(iv) five for steel chains; and

(v) four for high-tensile or alloy steel chains:

Provided that when the load is equally shared by two or more ropes or chains the factor of safety may be calculated in accordance with the sum of the breaking strengths taking into consideration the angle of loading;

(d) steel-wire ropes are discarded and not used again for lifting purposes if the rope shows signs of excessive wear, too many broken wires, corrosion or other defects that have made its use in any way dangerous;

(e) such lifting tackle is examined at intervals not exceeding three months by a person contemplated in sub- regulation (5) who shall enter and sign the result of each such inspection in a book kept for this purpose; and

(f) such lifting tackle is stored or protected so to prevent damage or deterioration when not in use.

1. (11) The user shall ensure that every lifting machine is operated by an operator specifically trained for a particular type of lifting machine: Provided that in the case of lift trucks with a lifting capacity of 750 kg or more and jib-cranes with a lifting capacity of 5000 kg or more at minimum jib-radius, the user shall not require or permit any person to operate such a lifting machine unless the operator is in a possession of a certificate of training, issued by a person or organisation approved for this purpose by the Chief Inspector

3.28 Auditing

3.28.1 Approval and compliance of principal contractor SHE plan

The Contractor's SHE Plan will be audited against compliance checklist so as to verify compliance to the requirements of the Eskom SHE specifications. Once there is compliance only then will the principal contractors SHE plan be approved by the project manager or an appointed Eskom contract custodian. The implementation of the SHE Plan shall be assessed / audited by Eskom personnel on a regular basis. This will include physical conditions evaluation.

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3.28.2 Eskom SHE Audits

Eskom shall evaluate all contractors' SHE performance on an ongoing basis against the legal, Eskom requirements, SHE specification and the contractors SHE plans. Contractor will be audited monthly as per the CR requirement.

Note: Eskom reserves the right to conduct unannounced audits on contractors conducted by Eskom on the principal contractor/s and/or appointed contractors. These audits shall be attended by the contractor's site manager or his representative.

If there are any findings / non-compliance identified as serious in these audits, an activity will be stopped for that specific Principal Contractor and appointed contractor. Refer to section on "Work Stoppage" in this SHE Specification.

There will be monthly audits conducted by Eskom on the principal contractor/s and/or appointed contractors. These audits shall be attended by the contractor's site manager or his representative.

If there are any findings / non-compliance identified as serious in these audits, an activity will be stopped for that specific Principal Contractor and appointed contractor. Refer to section on "Work Stoppage" in this SHE Specification.

3.28.3 Contractor Audits

Principal Contractors are required to conduct internal audits on both their employees and their appointed contractors on the implementation of their SHE Plan on a monthly basis or when the scope of work changes. A summary of the findings and the proposed corrective actions shall be submitted to Eskom project manager within one week after completion of the audit. Where appointed contractors are audited by the principal contractor a copy of the audit report shall be submitted to the appointed contractor within 7 days of the audit.

3.29 Smoking

The Tobacco products control act 83 of 1993 must be observed and smoking is permitted in designated areas only (Eskom Smoking Procedure 32-36).

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3.30 Cellular Phones

The national requirements regarding the use of cellular phones must be observed, in particular when driving and or operating mobile equipment and or machinery.

3.31 Occupational Hygiene

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.

Occupational Hygiene Monitoring survey programmes are implemented and conducted.

The Occupational Hygiene (OH) Management Programme is a guideline provides information to the business, and contractors to allow for informed decision-making regarding exposure to and control measures for hazardous agents in the workplace.

The service provider to submit report with detailing field work, methodologies used, costing associated with environmental health sampling and analysis.

This programme should how worker exposure hazards will be addressed in all workplaces, including the anticipation, identification, evaluation (measurement), and control (including personal protective equipment programmes) of the hazards.

Certain occupational health-related hazards may require hazard-specific management based on the risk assessment or specific regulatory requirements. A risk assessment shall form basis for the development and maintenance of the following:

For these hazards, additional programmes may be developed.

- Occupational hygiene programme

These programmes may include, but are not limited to the:

- Asbestos Management Programme
- Respiratory Protection Programme
- Hearing Conservation Programme
- Ergonomics Management Programme
- Silica Management Programme
- Heat Stress Prevention Programme
- Illumination Management Programme

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- Indoor Air Quality Programme
- Electromagnetic and Radiation Safety Programme
- Plant Safety Management Programme
- Personal Protective Equipment Programme

Illumination

Physical Agents Regulations, 2024 Sec 11(7)

An employer or self-employed person must establish and conduct an illumination measurement and monitoring programme at that workplace where a physical agent exposure risk assessment or a review of such assessment indicates that any employee may be exposed to.

Noise Exposure Regulation 2024 Section 8(1)

The employer or self-employed person must ensure that a noise exposure monitoring programme is implemented where the noise exposure risk assessment or a review of such assessment indicates that any employee may be exposed to noise at or above either the noise-rating limit or the noise action level where there is concomitant exposure to ototoxic chemical agents and/or whole-body vibration.

To identify noise zones in terms of the above said regulations, measurements will be conducted in accordance with the SANS 10083 OF 2013: The measurement and Assessment of Occupational Noise for Hearing Conservation Purposes. Different types of noise producing machinery to be assessed.

List of some noise producing machinery used:

- Chain saw
- Generator
- Electrical drill
- Crimper
- Hydraulic Auger
- Compressor
- Air rock drill
- Brush cutter
- Truck

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Vibration

Physical Agents Regulations, 2024 Sec 13(4)

The physical agent exposure monitoring must— (a) for whole-body vibration, be conducted in accordance with SANS 2631; (b) for hand-arm vibration, in order to be representative of an employee's exposure

Cold Stress

Physical Agents Regulations, 2024 Sec 9(3)

The physical agent exposure monitoring programme must— (a) take into account both the dry-bulb temperature and air velocity when determining the time-weighted average environmental equivalent chill temperature; (b) be taken over a period of at least 4-hours; (c) be conducted during the coldest period of an employee's shift; and (d) be conducted during the coldest quarter of the year as determined by the physical agent exposure risk assessment.

Heat Stress

Physical Agents Regulations, 2024 Sec 10

The physical agent exposure monitoring programme must be conducted in accordance with SANS 7243.

Asbestos

Asbestos Abatement Regulations 2020

The Occupational Health and Safety Act (OHS Act No. 85 of 1993), requires all employers to provide and maintain a working environment that is safe and without risk to the health of their employees. Subsequently, the Asbestos Abatement Regulations, 2020 requirements for air monitoring (Section 16) should be complied with.

Ergonomics

Ergonomics Regulations 2019

It is the legal responsibility of every employer to provide employees with work environments (and equipment), which conform to ergonomic best practices and standards, and to train / educate them to that regard.

According to the Occupational Health and Safety Act (OHS Act No 85 of 1993), Regulation 8:

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“Every employer shall provide and maintain a working environment that is safe and without risk to the health of his/her employees.”


Indoor Air Quality

a form on which it can be inhaled, ingested or absorbed by any person in that workplace
Physical Agents Regulations, 2024 Sec 12
The physical agent exposure monitoring to be conducted as per SANS 10400

Lead Regulations

1. Scope of application: (1) Subject to sub-regulation (2) the regulations shall apply to every employer and self-employed person at a workplace where lead is produced, processed, used, handled or stored in.

Occupational Hygiene Management programme for NWOU

		OCCUPATIONAL HYGIENE MANAGEMENT PLAN														Functional Area: GEMMA Cluster	
																Document No.: 240-107068510	
																Revision No: 2	
Department	Health Risk Assessment		Illumination		Ergonomics		Indoor Air Quality		Noise		ASBESTOS		Heat Stress Monitoring		Environmental Dust Fall Out		
Legal Reference	CHS Act 85 of 1993, Sec 6 Hazardous Biological Agents Regulation 2002 Hazardous Chemical Agents Regulation, Sec 5		CHS Act 85 of 1993 Environmental Regulations for Workplaces		CHS Act 85 of 1993 Ergonomics Regulations 2019 Construction Regulation Sec 7 COSD Act 130 of 1993		CHS Act 85 of 1993 Environmental Regulations for Workplaces		CHS Act 85 of 1993 Environmental Regulations for Workplaces		CHS Act 85 of 1993 Asbestos Abatement Regulations		CHS Act 85 of 1993 Environmental Regulations for Workplaces		National Dust Control Regulations 2013		
Frequency	2 years		2 years		2 years		2 years		2 years		2 years		2 years		Annual		
	Date conducted	Next Survey	Date conducted	Next Survey	Date conducted	Next Survey	Date conducted	Next Survey	Date conducted	Next Survey	Date conducted	Next Survey	Date conducted	Next Survey	Date conducted	Next Survey	
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All contractors are required to develop an Occupational Health, Hygiene and Rehabilitation

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program. The program is intended to ensure that the risks to health are identified and controlled.

3.31.1 Medicals

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

1. Principal contractors must ensure that their employees and their appointed contractor employees 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 man job specification, which must indicate the description of work, list of hazards and potential occupational exposure limits, physical hazards and required physical attributes.
3. Medical fitness certificates shall be renewed annually for employees who are working on site. This shall be maintained until completion of the contract.
4. The Principal Contractor must ensure that his / her employees and appointed contractor employees have undergone pre-entry medical examination before starting work on the contract.
5. The principal contractor shall provide a documented process for managing those employees who are issued with a conditional certificate of fitness.

3.32 Working at Heights

3.32.1 General Requirements

Wherever reasonably practicable, preference is given to the performance of work at ground level as opposed to the elevated position. Where work in an elevated position is necessary, preference is given to fall prevention measures such as, but not limited to, effective barricading and the use of work platforms. Persons may only work from a fall risk position if a site-specific fall protection plan is in place and correctly implemented and consists of the following:

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1. All appointments for the fall protection plan developer and implementer are in place.
2. Baseline risk assessment, which is specific and incorporates the working at height risk assessment, as well as the site-specific risk assessment, has been completed for the work to be conducted.
3. Safe working procedure/task analysis and work instructions, approved by a competent person, are in place.
4. A fall rescue plan, along with necessary equipment and trained rescuers, is in place.
5. Appropriate training, as determined by the risk assessment, has been provided.
6. Appropriate height safety equipment and personal protective equipment have been issued to the individual.
7. There are equipment inspection procedures and up-to-date inspection records.
8. Individuals are medically fit to work at height, and records of this are kept.
9. A site-specific risk assessment is performed.

While work is in progress, adequate warning signs and/or barricades shall be used in all areas where there is a risk of persons being injured by materials or equipment falling from the work area. Barricades should be continuous and easily visible.

A drop zone shall be established with appropriate warning signs and barricading, warning personnel below of workers above and potential falling objects.

Every employer shall ensure that work at height is:

1. Properly planned;
2. Appropriately supervised; and
3. Carried out in a manner that is, as far as is reasonably practicable, safe and that its planning includes the selection of work equipment.

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Work at Height
Standard.pdf

3.33 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 which risks and hazards are attached to the health and safety of persons due 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.

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.

Daily or issue based or task specific or on the job risk assessments must be conducted at the place where work is to be performed/ conducted 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. For example: If a job / task is extended over a day or halted due to inclement weather.

3.34 Safe Work Procedures and Practices / Safe Operating

There must be written safe work procedures for all activities, the safe work procedures must

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be aligned with the risk assessments.

3.36 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, should not only be a legal requirement, but should establish why and how the incident occurred and find out the real root cause of the incident and to decide on precautionary measures that are required to address the root cause to prevent any further recurrences of the same or similar incidents.

The contractor incident management procedure need to be aligned to Eskom’s 32-95 incident management procedure and timeline must be strictly adhered to.

The high-level steps of the incident management procedure are as follows:

1. Incident identification
2. Initiation and Execution of Emergency Response
3. Notification and Reporting
4. Incident prioritisation
5. Classification and Recording of Incidents
6. Incident investigation
7. Management of Corrective Actions (Safety Measures)
8. Incident close-out
9. Incident Communication

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Timelines with regards to incident management need to be strictly adhered to as per 32-95 Occupational Health and Safety Incident Management Procedure and 240-131838225 Occupational Health and Safety Incident Management Definitions and Classification Parameters.

Failure to comply with these requirements will be seen as the contractor not fulfilling their contractual obligations and the relevant consequence management actions will be taken against contractors who do not comply.

Timelines include:

1. Notification of incident to relevant Eskom SHEQS department should be done before the end of shift or within 24 hours of the incident occurring.
2. Investigation process to be initiated within 48 hours and concluded within 30 calendar days. The onus is on the contractor manager to provide evidence for the reasons why the Internal OHS Investigation could not be completed within 30 days and should be submitted to the relevant SHEQS department.

In the case of incidents involving contractor employees, the contractor must investigate those incidents as an employer in his/her own right (employer's investigation) and generate a report. The report and Annexure 1 must be submitted to the applicable OU/BU or on request to the Department of Labour by the contractor. Eskom may participate during these investigations.

3.37 Emergency Management

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 contractor must familiarise themselves with the Eskom emergency response plan and procedure. Periodic emergency drills must be undertaken to test the effectiveness of the plan. This must be recorded and provided to the Eskom SHEQS department for evaluation in the site specific safety file.

The emergency management procedure to be submitted has to include emergency contact numbers relevant to the area worked in for the site supervisor, hospital, fire brigade, first aider.

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If no cellular phone reception is present for example in remote areas, an adequate process must be put in place to have adequate alternative communication.

3.38 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.
4. Contractor project management must monitor the close out non-conformances issued, in not doing so; any recommendations made may not be 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 by the responsible project manager to explain the non-conformance issued and what plan is in place to prevent a recurrence of the non-conformance.
6. Should the contractor fail to provide adequate PPE to their employees for the tasks being performed and/or to visitors; failure to enforce the wearing of such PPE will be viewed as a transgression of the legislative and Eskom requirements.
7. After a contractor has been appointed a site-specific safety file needs to be developed and submitted to the Eskom SHEQS department for evaluation. No contractor may commence with work before the site-specific safety file is accepted and the site-specific procedures are adhered to.
8. If a safety file reaches 80% compliance the contractor may enter the site under certain conditions. The sections of the file that is not approved may have a knock on effect on operations whereby certain duties may not commence due to the safety file requirements not being met. The sections of the file that is not approved on, work cannot commence.

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9. Eskom reserves the right to stop any contractor performing unsafe work/conditions and can apply consequence management if any contractor fails to comply with any Legislative requirements as well as any Eskom Requirements, Standards and Procedures. Refer to 32-726 SHE Requirements for the Eskom Commercial Process Section 3.1.4.4.

10. Should Eskom personnel find that the site-specific safety file is unsatisfactory, the process in Section 3.1.4.5 of 32-726 SHE Requirements for the Eskom Commercial Process shall be initiated.

3.39 SHE File

1. A SHE file means a file or other record in permanent form, containing the information about the safety and health management system during construction and all information relating to the post-construction phase after handover to the client, so that the client can maintain the works in a healthy and safe way.

2. All contractors are required to keep a SHE file on every project site. If there is more than one site per project, a file per site shall be kept at that site. Contractors may keep additional files at their head office as additional records. The SHE file shall be maintained by all the contractors on their construction sites and shall be available on request for audit and inspection purposes.

3. The SHE file shall consist of the requirements in terms of the project's safety specification, the contractor's safety and health plans.

4. The sequence of filing the documentation must be kept in the same sequence as listed in this SHE specification and the SHE plan.

5. Each record shall be separated by partitions to afford easy identification and access. Each partition must be labelled.

6. On completion of the construction work/project, the principal contractor must hand over a consolidated health and safety file to the project manager. The principal contractor must also hand over all drawings, designs, lists of materials used, and other applicable information about the completed structure, as well as the list of subcontractors, the agreement, and the type of work completed.

7. In case where the project is extended, should the documentation in the SHE files become cumbersome, the older documentation must be archived in boxes which shall be correctly

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labelled and be available for auditing purposes. The archived documentation must be handed over at the completion of the project.

3.40 Work Stoppage

1. Any person may stop any activity where an unsafe act or unsafe condition that poses or may pose an imminent threat to the safety and health of an individual or create a risk of degradation of the environment. This includes any unauthorised work or service performed by, or legally or contractually non-compliant acts or omissions by, any contractor contracted to work at that site.
2. Work stoppages that are initiated due to SHE concerns, non-compliance, or poor performance related to the contractor's works or services shall not warrant any financial compensation claim lodged against Eskom where the contractor has not met the requirements defined legally or contractually.
3. Where stoppages are carried out, the required non-conformance report shall be raised.
4. All work stoppages ideally should be investigated and documented by contract custodians.

3.41 Hours of Work

The requirements of the Basic Conditions of Employment Act, Chapter Two "Regulation of Working Time" must be adhered to. All contractors are required to maintain an accurate record of time worked by each employee.

3.41.1 Normal Work

All work conducted on site shall fall within the legal requirements in accordance with the Basic Conditions of Employment Act. Contractors will notify their Eskom Supervisor or project manager of any work that needs to be performed after hours according to the agreed arrangements. (The application needs to be submitted timeously). Where applicable, the notification should include proof of application, for overtime, to the Department of Labour and /or the letter of approval from the Department of Labour.

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3.41.2 Night Work

When night work is to be performed; contractors shall provide sufficient lighting to enable the entire work site to be illuminated to a degree that employees will not work in dark (unilluminated) or dimly lit areas. Care must be exercised as not to use few lights with high light intensives as this will cause night blindness.

If work is continuing from day light into night, at dusk, a tool box talk must be held where all employees will be advised of the hazards of night work and the extra precautions which require to be taken, i.e. poor housekeeping, stepping on uneven ground, stepping into holes etc.

3.41.3 Overtime

When overtime is required to be performed, the appointed contractors shall inform the principal contractor of such action. The principal contractor shall inform the Eskom project manager of such function. Contractors shall be aware of the effects of human fatigue and regulate overtime accordingly. The baseline risk assessment must be reviewed to include the management of overtime work.

3.42 Omissions from Safety and Health Requirements Specification

By drawing up this SHE specification Eskom has endeavoured to address the most critical aspects relating to SHE issues in order to assist the contractor to adequately provide for the health and safety of employees on site.

Should Eskom not have addressed all SHEQ aspects pertaining to the work that is tendered for, the contractor needs to include it in the SHE plan and inform Eskom of such issues when signing the contract.

3.43 Contract Sign-Off

On completion of the project, all appointed contractors shall close out their project documentation: SHE files and forward such to the principal contractor. The principal contractor shall likewise close out his/her project documentation and SHE files and forward such to the Eskom project manager.

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3.44 Project Statistics

The following information should be submitted by the 1st of each month to the Contract Manager/ Custodian:

Contractor manpower numbers and hours worked for the purpose of calculating the contractor lost-time injury (LTIR) and total recordable injury (TRIR) rates Contractor incidents per month (fatalities, lost time, medicals, first aid and near misses). Contractor confirmation that incident case studies were discussed and recommendations implemented.

Contractor confirmation that all issues findings against them has been addressed as required. Contractor will submit their statistics every month using the latest 240-140441286 Contractor Manpower/Man-hours and OHS stats reporting form.

3.45 Weather Extremes

Contractors should after conducting a site-specific baseline risk assessment establish what weather extremes are occurring in the area and make provision for control measures to prevent or reduce exposure to their employees to an acceptable level.

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3.46 Dismantling, Assembly and Erecting of Structures

Construction Regulations 10, 11 and 14 needs to be strictly adhered to.

A competent person needs to be appointed to supervise demolition work in terms of Construction Regulation 14(1).

Contractors need to take all reasonable steps to prevent the uncontrolled collapse of any new or existing structure or any part of the said structure that may become unstable or which might be in a temporary state of weakness or might be unstable due to carrying out construction work.

No structure or part of any structure may be loaded in such a manner that it would be deemed as unsafe.

A contractor needs to appoint a competent person in writing to supervise and control all demolition work on site.

Before any demolition work is being carried out a competent person need to develop a detailed structural engineering survey of the structure to be demolished in order to identify the order in which the structure needs to be demolished. The competent person who develops the structural engineering survey also needs to provide a method statement on the procedure to be followed in demolishing the structure.

The appointed competent person on supervising demolition work must check the structural integrity of the structure being dismantled at regular intervals determined by the method statement in order to prevent any premature collapse.

Contractors involved with demolition work need to take steps to ensure that no person works under overhanging material or a structure which has not been adequately supported, shored or braced. Steps should be taken by contractors to ensure all other services in the vicinity that may be affected are rendered safe for all persons involved.

Where demolition work includes working at heights and there is a risk of falling objects the following needs to be in place: (32-418)

A drop zone must be established and demarcated. Suitable steps must be taken to prevent any material or objects from falling that could cause harm to people or property.

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Where it is not reasonably practicable to comply with the requirements of paragraph 2 every employer must take suitable and sufficient steps to prevent any person from being struck by any falling material or object that is liable to cause personal injury.

No material or object shall be thrown or tipped from height in circumstances where it is likely to cause injury to any person. Materials and objects must be stored in such a way as to prevent risk to any person arising from the collapse, overturning or unintended movement of such materials or objects.

Where demolition work includes working at a fall risk position a site-specific fall protection plan needs to be developed and implemented by a competent person as per Construction Regulation 10.

The fall protection plan should make provision for the following information:

1. A risk assessment of all work carried out from a fall risk position and the procedures and methods used to address all the risks identified per location.
2. The processes for the evaluation of the employees' medical fitness necessary to work at a fall risk position and the records thereof.
3. A programme for the training of employees working from a fall risk position and the records thereof.
4. The procedure addressing the inspection, testing and maintenance of all fall protection equipment.
5. A rescue plan detailing the necessary procedure, personnel and suitable equipment required to affect a rescue of a person in the event of a fall incident to ensure that the rescue procedure is implemented immediately following the incident.

Contractors to ensure that the Fall Protection Plan is site specific as well as scope of work specific and that all required legislation as well as the Eskom requirements are adequately met.

3.47 Working near or crossing National, Provincial and Local roads

Principal contractors must at all times ensure that all relevant legislation and best practices are followed when working near or crossing roads.

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Ensuring that an adequate risk assessment is conducted and control measures implemented when work is conducted near or close to roads, where required relevant national as well as provincial and local authorities should be notified of any work being carried out over roads. Control measures including but not limited to relevant safety signage, traffic control by the use of flagmen as well as barricading should be in place.

3.48 Existing Infrastructure and Services

Before any work commences the Principal contractor should ensure that all existing infrastructure (Live overhead feeders, underground networks such as water pipes electrical cables etc.) are known to their employees and the risks pertaining to these infrastructure as well as what control measures are in place to ensure that no employees is injured or infrastructure damaged because of their activities.

The relevant existing infrastructure hazards and risks should be identified and included in the project specific baseline risk assessment together with the relevant control measures.

3.49 Asbestos

Work should be conducted in accordance with Asbestos Abatement Regulations requirement

No work may carry out any type 2 or type 3 asbestos work unless the Inspector has been notified in writing within 7 days prior commencement of such work

A written approved plan of work as stipulated in regulation 12 (3) must be in place

An asbestos supervisor must be appointed in writing to oversee safety, compliance with the PoW, proper use of PPE, and correct waste disposal.

For Type 2 (repair/removal of asbestos cement/insulating board) or Type 3 (high-risk removal) work, the contractor must be registered with the Department of Employment and Labour.

An up-to-date asbestos inventory and risk assessment must be in place .

A detailed, site-specific Plan of Work must be developed and approved by an Approved Inspection Authority (AIA). This plan must be signed by the client, contractor, and AIA.

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Medical surveillance must be established for employees who will carry such work.

The regulated asbestos area must be clearly demarcated with cautionary signs.

Contractors must use wet methods (non-destructive) and, where necessary, negative pressure units to prevent airborne fibers. High-speed electrical angle grinders or drillers are prohibited.

Contractor must ensure all employees must receive training on the hazards of asbestos, safe working methods, and emergency procedures.

If no asbestos is identified is identified as per sub regulation (a)(b) and (c) ensure that the asbestos – free status of the workplace is sustained in writing by a competent person.

4.Acceptance

Nil

4 Revisions

Date	Rev.	Compiler	Remarks
August 2015	0	F Poee	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 Eskom.
	1		

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ANNEXURE 1 – FLASH REPORT

ACCIDENT / INCIDENT REGISTER NO :

PART 1 – TO BE COMPLETED FOR ALL ACCIDENTS / INCIDENTS:

ESKOM ☐ PUBLIC ☐ CONTRACTOR ☐
CASUAL/TEMP

POOL ☐ COMPA ☐ CAR ☐ SCHEME ☐
HIRED/PRIVATE

FIRST AID		ELECTRICAL CONTACT	
MEDICAL		EQUIPMENT DAMAGE	
FATAL		THEFT	
LOST TIME INJURY		ENVIRONMENTAL	
OCCUPATIONAL DISEASE		FIRE	
VEHICLE ACCIDENT		NEAR MISS	
STORM DAMAGE		ON DUTY	
OTHER		OFF DUTY	
CRIME RELATED INCIDENTS			
PRIORITISATION BY LINE & SHE USING THE MATRIX			
 Matrix.pdf			

NAME OF PERSON INVOLVED	
UNIQUE NUMBER OR IDENTITY NUMBER	
NATURE OF INJURIES SUSTAINED	
UNIT/SECTION/DEPARTMENT	

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DATE OF ACCIDENT/INCIDENT	
LOCATION OF INCIDENT/ACCIDENT	
MANAGER/SUPERVISOR	
TELEPHONE NUMBER	

FULL DESCRIPTION OF ACCIDENT/INCIDENT :

WHAT IMMEDIATE ACTION IS TAKEN TO PREVENT SIMILAR INCIDENT IN FUTURE?

LESSON LEARNT (GENERAL)

IMMEDIATE PRELIMINARY FINDINGS OBSERVED

SUBSTANCE ABUSE TEST	YES		NO	
DONE				

PART 2 – TO BE COMPLETED FOR PUBLIC / CONTRACTOR / LIVESTOCK ACCIDENTS

LOW HANGING CONDUCTOR / CONDUCTOR ON GROUND		OTHER	
IRRIGATION PIPE INTO LINE			
TELKOM LINE INTO ESKOM LINE			

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EXTERNAL / SUB-CONTRACTOR		
UNLAWFUL ENTRY / VANDALISM		
CRANE INTO LINE		
TREE ON LINE		
ESKOM VEHICLE INVOLVED		

PART 3 – TO BE COMPLETED FOR ALL VEHICLE ACCIDENTS

ESKOM DRIVER & UNIQUE NUMBER	
ESKOM VEHICLE REGISTRATION NUMBER	
DAMAGES TO ESKOM VEHICLE	
THIRD PARTY REGISTRATION NUMBER	
DRIVER OF 3 RD PARTY VEHICLE	
TELEPHONE NUMBER OF 3 RD PARTY	
NAME OF WITNESS	
WITNESS TELEPHONE NUMBER	

PART 4 – TO BE COMPLETED FOR ALL ELECTRICAL CONTACTS

DD SHEET NUMBER	
LINE CLEARANCE	
SUB STATION AND NETWORK	
SECTION BREAKERS	
TEE LINE	
ESKOM VOLTAGE	
BEFORE THE METER	
BEYOND THE METER	

PART 5 – TO BE COMPLETED FOR ALL CRIME RELATED INCIDENTS

NAME OF INVESTIGATING OFFICER	
DATE , TIME REPORTED TO INVESTIGATING OFFICER	
ESTIMATED VALUE INVOLVED	
DESCRIPTION OF PROPERTY DAMAGE	
NAME OF POLICE STATION REPORTED TO	

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DATE, TIME REPORTED TO SAPS	
PERSON REPORTING TO SAPS	

PART 6 – TO BE COMPLETED FOR ALL MEDICAL AND LOST TIME INJURIES

NAME OF ATTENDING DOCTOR	
NAME HOSPITAL TAKEN TO	
TELEPHONE NUMBER OF DOCTOR / HOSPITAL	
FAX NUMBER OF DOCTOR / HOSPITAL	
DATE OF TREATMENT RECEIVED	
TIME OF TREATMENT RECEIVED	

PART 7 – TO BE COMPLETED FOR ALL INCIDENTS / ACCIDENTS

FULL NAME OF PERSON REPORTING INCIDENT	
NAME OF SAFETY REP REPORTED TO	
TELEPHONE NUMBER	
FAX NUMBER	
DATE OF REPORTING INCIDENT / ACCIDENT	
TIME OF INCIDENT / ACCIDENT	

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Annexure 2 – Transportation of people at the back of open vehicles

DISTRIBUTION

TECHNICAL INSTRUCTION

15 December 2011 Enquiries: Moniwa Mahlangu
Tel: (012) 421 6625

TECHNICAL INSTRUCTION: 11TI-027

ART: 21 – RISK MANAGEMENT

TRANSPORTATION OF PEOPLE AT THE BACK OF OPEN VEHICLES (BAKKIES)

Background

In the past years we have experienced fatalities where people were being transported at the back of open vehicles, this has had a major impact since these vehicles are not meant for the conveyance of people but material and tools instead and furthermore it is against existing laws in the country. It was also communicated through a technical instruction (10TI-012) issued on 26 March 2010 that the practice should be stopped, it was however observed that this practice still persists in the organization.

It is further expressed that all Eskom employees and contractors should ensure Zero Harm to employees whilst performing work and even travelling on a daily basis.


Instruction

In order to prevent these incidents and similar consequences, it is decided that no person will be transported in a vehicle that is not intended for the conveyance of people at all times. Therefore no one will be transported at the back of an LDV regardless of whether it is covered with a canopy.

This instruction should be implemented with immediate effect and be communicated to all the relevant parties.

This Technical Instruction is in accordance with Eskom's Policies & Procedure and applicable legislation.

Your commitment to Zero Harm to all is appreciated.




APPROVED BY:

A Noah
Chairperson – Distribution SHEQ Committee

23/12/2011

DATE:

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ANNEXURE 3 - TRAINING NEEDS ANALYSIS/ MATRIX

	CORE SAFETY, HEALTH AND ENVIRONMENT COMPETENCY TRAINING MATRIX	Template Identifier	240-43921898	Rev	4
		Document Identifier	240-89306315	Rev	1
		Authorisation Date	December 2019		
		Review Date	December 2024		

Introduction:

This training matrix is to be read in conjunction with 32-477 (SHE Training and Development Procedure)

OU/BU		18	10	19	23	23	23	23	23	22	23	23	23	23	23	23	23	23	23	23
GM/PSM		4	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Required Training		22	11	20	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
Training	99.0	81.8%	90.	95.	100.	100.	100.	100.	100.	95.7	100.	100.	100.	100.	95.7%	100.	100.	100.	100.	100

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Compliance	%		9%	0%	0%	0%	0%	0%	0%	%	0%	0%	0%	0%	0%		0%	0%	0%	0%	.0%
EMPLOYEE (Name and surname)	DESIGNA TION	Safety Induction Training		SHE Systems Training				General Health and safety				Construction SHE Management Training			Other OHS Training Requirements:						
		Site Specific SHE Induction	Task Specific SHE Induction	ISO 14001 Environmental Occupational Health and Safety	Occupational Health and Safety	ISO 45001 Occupational Health and Safety	General Health and Safety Awareness/ Occupational	Office Health and Safety	NEBOSH Occupational Health and Safety	SHE Training for Contracts Health and Safety	Contracts Health and Safety	Contracts Health and Safety Management	First Aid	Fire Fighting	Safety	FAS and FAS	Fall Protection Planner	ETC.			
		Done	Req	Req	Done	Done	Done	Done	Done	Req	Done	Done	Done	Done	Req	Done	Done	Done	Done	Done	
		Req	Done		Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	
		Req	Done		Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	
		Req	Done		Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	
			Done	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	

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				ne	ne	ne	ne	e	ne	ne	ne	ne	ne	e	e		ne	ne	ne	ne
		Done	Done	Do ne	Do ne	Do ne	Do ne	Don e	Do ne	Do ne	Do ne	Do ne	Do ne	Don e	Don e	Done	Do ne	Do ne	Do ne	Do ne
		Done		Do ne	Do ne	Do ne	Do ne	Don e	Do ne	Do ne	Do ne	Do ne	Do ne	Don e	Don e	Done	Do ne	Do ne	Do ne	Do ne

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Annexure 4 – Site Specific Evaluation Template

SITE SPECIFIC CONTRACTOR EVALUATION TEMPLATE		
PRINCIPAL CONTRACTOR DETAILS		
Site Name & Address		Telephone:
Project Manager (Client)		Telephone: Cell No :
Principal Contractor		Telephone: Cell No :
Contractors		Telephone:
Construction /Site Manager(Principal Contractor)		Cell:
Construction H&S Manager (Principal Contractor)		Cell:
Construction H&S Officer(Principal Contractor)		Cell:
Scope of Work		

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Project Commencement Date:							
Project Completion Date:							
Code s	Legal Requirements	Legal Ref	STATUS			What to look for??	Actions & Comments
			Y	N	N/ A		
A1	SHE Policy	Sec. 07 OHS ACT				SHE Policy must be signed by the CEO of the company and dated.	
A2	Mandatory Agreement	Sec. 37(2)				A signed 37-2 agreement (new) by Client and Principal Contractor and if applicable between their appointed contractors	
		Section 10 (4)				Is there an agreement of Client and/ or Supplier using third party equipment/ machinery on site as well as security contracts	

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		32-726 (Annexure B)				Signed Annexure B Acknowledge of Eskom SHE rules and other requirements	
A3.1	Construction Work Permit	CR 3(6)				Annexure 1- Proof of Construction Work Permit from Department of Employment and Labour	
	OR						
A3.2	Notification of Construction Work	CR 4(1)				Completed & Signed Annexure 2 (by both parties). Proof of stamped Annexure 2 from Department of Employment and Labour	
A4	H&S specification and Baseline Risk Assessment for the project	CR 5(b) CR5(1)(a)				Client Issued H&S Specification and Baseline Risk Assessment to be included in file	
A5	Total Number of employees on site	CR 5(1)(h)				Employee list site specific to the project	
A6	Letter of Good Standing	CR 5(1)(j)				A valid current FEM/COID letter of Good Standing, Number and expiry date/ Nature of Business must reflect	

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						the scope of work of that specific project.	
A7	H&S Plan	CR7 (1)(a)				H&S Plan to be aligned to Clients H&S Specification/ scope specific to the project	

Code s	Appointments & Competencies	Legal Ref	Status			What to look for?	Actions & Comments
			Y	N	N/A		
B1	CEO	Sec.16(1)				Letter of Appointment/ Letter of resolution	
B2	CEO Assignee	Sec. 16(2)				Letter of Appointment	
B3	H&S Rep.	Sec. 17				Letter of appointment and proof of competency	

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B4	H&S Committee Members	Sec. 19(3)				Letters of appointment(Management appointees as well as employee representatives)	
B5	First Aider	GSR 3(4)				Letter of appointment and proof of competency	
B6	Ladder Inspector	GSR 13A				Letter of Appointment & proof of competence	
B7	Incident Investigator	GAR 9(2)				Letter of appointment and a certificate in incident investigation e.g. RCAT	
B8	Appointment of Principal Contractor	CR 5(1) (k)				Letter of Appointment of Principal Contractor and competency	
B9	Construction Manager	CR (8) (1)				Letter of Appointment, proof of competency in Construction/ Project Management	
B10	Assistant Construction Manager	CR (8) (2)				Letter of Appointment & proof of competency	

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B11	Construction H&S Officer (either Full- time, part-time)	CR 8(5)				Letter of Appointment & SACPCMP Registration	
B12	Construction Work Supervisor	CR 8(7)				Letter of Appointment & proof of competence	
B13	Assistant Constr. Work Supervisor	CR 8(8)				Letter of Appointment & proof of competence	
B14	Risk Assessor	CR 9(1)				Letter of appointment & proof of formal Risk Assessment course/training attended- Institution name	
B15	Fall Protection Planner	CR - 10(1)(a)				Letter of appointment and proof of training US:229994	
B16	Temporary Work Supervisor	CR 12(2)				Letter of appointment and proof of competency	
B17	Crane supervisor (Tower Cranes)	CR22(a)				Letter of appointment and proof of competency	

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B18	Training of Lifting Machine operator	DMR 18(11)				TETA accredited Certificates & permit to operate, Licences and Prdp's Class e.g. C32	
B19	Construction Vehicle & Mobile Plant operator	CR 23(1)(d)(i)				Letter of appointment and course certificates/ Nationals driver licence (Check road worthiness of the construction vehicles on site) TLB's Drill rigs, Truck Mounted Cranes, MEWP's and LDV's	
B20	Temporal Electrical Installation Inspector	CR24(d)				Letter of appointment and proof of competency Wire Licence	
B21	Electrical Machinery Inspector	CR 24(e)				Letter of appointment and proof of competency, Electrical Trade test	

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B22	Stacking & Storage	CR 28(a)				Letter of Appointment & proof of competence – Formal training certificate	
B23	Fire Equipment Inspector	CR29 (h)				Letter of appointment and proof of competency	
B24	Mobile Elevated Working platforms, Skyjacks: Operating certificates on file	SANS 1887:2007				Operating Training certificates	
B25	Inspector of Lifting Machines &Tackle	DMR- 18 (5)				Proof of competency LMI &LME (DOEL and ECSA/ LEEASA) Accreditation Scope of approval	
B26	Load Test certificate	DMR- 18 (5)				Load Test certificate for Lifting machines and hand held powered lifting	

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						devices(lever hoists)Safe working load at 110% to be tested	
B27	Lifting machinery attaching devices and Lifting tackle 6 monthly examinations	DMR-18(6)				Proof of valid 6 monthly examination	
B28	Lifting tackle	DMR-18(10)(e)				3 Monthly inspection reports by the Lifting tackle inspector (Not ECSA accredited person)	
B29	Lifting tackle inspector	DMR-18(10)(e)				Appointment and Competence approved ECSA accredited training	
B30	HCS Controller	HCS Regulations				Letter of appointment and proof of competence for Hazardous chemicals (Valid PCO for Vegetation Management)	
B31	Excavation Supervisor	CR13				Appointment and Competence	
	Risk Assessment	Legal Ref	Status		What to look for?		

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Code s			Y	N	N/ A		
C1	Risk Identification	CR 9(1)(a)				Risk Assessment template -Site specific risk identification Copy of Baseline Risk Assessment	
C2	Risk Analysis	CR 9(1)(b)				A documented method on how hazards and risks are evaluated and analysed e.g. matrices	
C3	Risk Control	CR 9(1)(c)				Documented Risk Mitigation/ Control plan List safe work procedures to mitigate, reduce or control the risks on the BRA	
C4	Monitoring Plan/Mechanism	CR 9(1)(d)				A monitoring plan- How are risks monitored. Note: during execution phase planned task observation at 4 per month by the supervisor,	

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						Working at Heights & Specialized Vehicle equipment	
C5	Monitoring /Observations	CR 9(1)(d)				Schedule of observations 4 observations per month on the following Working at Elevated positions for all staff w@h annually , in the last 3 months Specialized vehicles Critical/High/ Extreme task	
C6	Review Plan	CR9(1)(e)				A review plan demonstrating the frequency of review of Baseline RA's(Date of review of the plan if terms of incident occurs)	
C7	Task Manuals and Safe Work Procedures					Check for Review dates of Safe Work Procedures/ Task manuals	
Code s	Fall Protection	Legal Ref	Status			What to look for?	
			Y	N	N/A		

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D1	Fall Protection Plan	CR 10(2) CR 10(2)(a)				Proof of: a risks assessment that includes Hazards and risks associated with all work carried out at positions of elevation and procedures and methods used to address all the risks identified per location.	
D2	Risk Assessment	32-418				Risks to be considered refer to 3.3.2 (b) pg. 8&9 of 32-418: Working at Heights Procedure. Risk assessment to include the Rescue plan and methods used	
D3	Inspection, testing and maintenance of all Fall Protection Equipment	CR10(2)(d)				Procedure outlining the Inspection, testing and maintenance of all Fall Protection Equipment	
D4	Rescue Plan	CR10(2)(e)				Rescue Plan- procedure	
D5	Certificate of medical fitness	CR10(2)(b				Procedure for employees medical surveillance for working at Fall risk position	

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D6	FAS and Rescue Training	CR 10(2)(c)				Programme for the training of employees working from a Fall Risk position & records thereof. US:229995&229998	
D7	Work at height and rescue training must be provided by SETA approved instructors and service providers	32-418				Check training records against SETA approved service providers	
D8	3.5.11 At least two persons per team have to be able to perform rescues if work at height is involved. All personnel trained to perform rescues will be trained to first aid Level 2.	32-418				Two rescuers per team & Proof of first aid level two training of rescuers.	
Code s	Induction Training	Legal Ref	Status			What to look for?	
			Y	N	N/A		

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E1	Proof of Eskom's Induction Training on file.					Proof of Eskom Induction conducted	
E2	Was Induction done by the Company?					Proof of Company Induction (Attendance register) & Contractor Induction Curriculum Content	
E3	OHS Training program /matrix					Procedure/ Program /IDP's/Matrix	
Code s	Medical Surveillance	Legal Ref	Status			What to look for?	
			Y	N	N/A		
F1	Crane operator's medical certificate of fitness	CR 22(f)				Medical Fitness certificates by OHP & OHNP	
F2	Construction Vehicle & Mobile Plant Operator's medical certificate of Fitness	CR 23(1)(d)(ii)				Medical Fitness Certificate by OHP & OHNP	
F3	Medical certificates for all employees	CR 7(8)				Medical Certificates of all employees in the project by OHP & OHNP	

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F4	Certificate of medical fitness	CR10(2)(b)				Evaluation of medical fitness of employees working at heights by OHP & OHNP	
Code s	Procedures	Legal Ref				What to look for?	
			Y	N	N/A		
G1	Incident Management Procedure	32-95				Incident Management procedure to be aligned to 32-95, wrt reporting, recording, classification and investigation	
G2	Effective Evacuation Plan	CR 29(1)(i)				Evacuation Plan (e.g. Check emergency number, appointments letters and Fire extinguisher handling awareness etc.)	
G5	Safe Work Procedures for all work performed at elevation to be contained in SHE plan.	32-418 Ref 3.3.2 (c)				Safe work procedure/s	
G6	Vehicle Safety Management	32-345				Vehicle Safety Management Procedure to be aligned to Eskom 32-345	

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G7	Procedure for prevention of Fall into water & rescue plan of persons in danger of drowning	CR26(1)(a)				Procedure & Rescue Plan	
Code s	ORHVS	Legal Ref	Status			What to look for?	
			Y	N	N/A		
H	Copies of Valid ORHVS certificates and Authorizations if work is to be done in any Eskom HV yard, substation or servitude authorized by the GMR 2(1)					Copies of valid ORHVS certificates and Authorisations	
Code s	Security	Legal Ref	Status			What to look for?	
			Y	N	N/A		
I1	PSIRA Registration	Sectoral Determination 6				Company PSIRA Registration	

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I2	PSIRA Registration	Sectoral Determination 6				Employee/ Security officer PSIRA Registration	
I3	PPE and Equipment	Sectoral Determination 6				PPE Equipment signed issue Register (uniforms, bullet proof vest, panic buttons, two way radios etc.)	
Code s	Consultation and Participation	Legal Ref	Status			What to look for?	
			Y	N	N/A		
J1	Statutory meetings/ Inspections reports	Sec 19, 17				Previous records of meetings from other projects, she representative reports	
Code s	Principal Contractor to inform the client regarding use of contractors	Legal Ref	Status			What to look for?	
			Y	N	N/A		
K1	Is the Principal Contractor using contractors?					List of contractors	

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K2	Is the contractor's H&S Plan approved by the Principal Contractor (Client)					Copy of contractor's H&S plan , signed by the Principal Contractor	
Code s	COVID-19 requirements	Legal Ref	Status			What to look for?	Actions & Comments
			Y	N	N/A		
L1	Is there a COVID-19 Workplace plan	Clause 16.2 of the Directive				Policy must be signed by the CEO/ Senior Management of the company and dated.	
L2	Is there a COVID-19 Baseline Risk Assessment in the SHE file	Clause 16.1 & 16.6 of the Directive				Copy of Baseline Risk Assessment: (a) Risk Identification (b) Risk Analysis method how hazards and risks are evaluated and analysed e.g. matrices. (c) Documented Risk Mitigation/ Control plan. Review plan - demonstrating the frequency of review of Baseline RA's	

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Code s	Demolition Work	Legal Ref	Status			What to look for?	Actions & Comments
			Y	N	N/A		
M1	Supervisor for demolition work	CR14(1)				Appointment and Competency	
M2	Structural Engineering Survey	CR 14(2)				Structural Engineering Survey conducted by Structural Engineer	
M3	Method Statement of the procedure how to dismantle the structures	CR14(3)				Method statement of the procedure how to dismantle the structures compiled by structural engineer that includes the amount of intervals the dismantling needs to be inspected for.	
Other SHE Specification Requirements							
% Compliance to SHE Specification		100% compliant				Below 100% compliant	
Function Representative		Name & Surname		Signature		Date	
Signature of Eskom SHE Officer							
Signature of Project Co-ordinator							
Signature of Principal Contractor Health and Safety Officer / Representative							


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		Document Identifier	High/Constr 1	Rev	1
		Effective Date	April 2023		
		Review Date	February 2026		

Annexure 5 – 37(2) Agreement Template

	Occupational Health and Safety Act: Section 37(2) Agreement - Form	Template Identifier	240-43921804	Rev	5
		Document Identifier	240-77037682	Rev	6
		Effective Date	December 2020		
		Review Date	December 2025		

SECTION 37(2) AGREEMENT CONCLUDED BETWEEN

.....[insert name of subsidiary or Eskom Holdings SOC Limited]

AND

.....
(Name of contractor/supplier)

I,[(insert name of person representing contractor/supplier company)]representing [insert name of contractor/supplier], do hereby acknowledge that [insert name of contractor/supplier] is an employer in his/her own right, with duties as prescribed in the Occupational Health and Safety Act No. 85 of 1993 (“the Act”), as amended, and agree to ensure that all work will be performed and/or machinery or plant used in accordance with the provisions of the Act.

I undertake that [insert name of contractor/supplier] shall strictly adhere to, and ensure that his/her employees adhere to, the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of 1993).

I have been provided with SHE specifications for project/service[insert brief details of project/service, for example, name, contract/project number] and will comply with the requirements set out in these.

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**SHE SPECIFICATION
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REFURBISHMENT**

Template Identifier	240-73416879	Rev	2
Document Identifier	High/Constr 1	Rev	1
Effective Date	April 2023		
Review Date	February 2026		

Occupational Health and Safety Act: Section 37(2) Agreement - Form	Document Identifier	240-77037682	Rev	6
---	---------------------	--------------	-----	---

I accept and agree that the SHE specifications constitute arrangements and procedures between (*insert name of contractor/supplier*) and [*insert name of subsidiary or Eskom Holdings SOC Limited*] which will ensure compliance by [*insert name of contractor/supplier*] with the provisions of the Act, as contemplated in section 37(2) of the Act.

This agreement constitutes the sole agreement between the parties, and no variation, modification, or waiver of any of the provisions of this agreement or consent to any departure from these shall, in any manner, be of any force or effect, unless confirmed in writing and signed by both parties, and such variation, modification, waiver, or consent shall be effective only in the specific instance and for the specific purpose and to the extent for which it was made or given.

This agreement is signed on behalf of the parties, each signatory to this warranting that he/she has the requisite authority to do so.

Signed this day of 20 at

..... (*Place*)

(*Full name*)..... (*Signature*)on

behalf of (**Contractor/supplier**)

Contractor Responsible Manager (*responsible for signing the contract on behalf of the contractor/supplier*)

Witnesses

1.

Occupational Health and Safety Act: Section 37(2) Agreement - Form	Document Identifier	240-77037682	Rev	6
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	<p align="center">SHE SPECIFICATION</p> <p align="center">HIGH RISK / CONSTRUCTION</p> <p align="center">VRYBURG ROOF REPAIR AND</p> <p align="center">REFURBISHMENT</p>	Template Identifier	240-73416879	Rev	2
		Document Identifier	High/Constr 1	Rev	1
		Effective Date	April 2023		
		Review Date	February 2026		

2.

Signed this day of 20 at (*Place*)

(*Full name*..... (*Signature*) on

behalf of [insert name of subsidiary or Eskom Holdings SOC Limited]
(Contracts and/or Project Manager or Representative)

Witnesses

1.

2.

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Template Identifier	240-73416879	Rev	2
Document Identifier	High/Constr 1	Rev	1
Effective Date	April 2023		
Review Date	February 2026		

Annexure 6 - Principal Contractor 5(1)(k) Template



**Principal Contractor 5(1)(k)
Construction Regulations 2014
Appointment Letter**

Document Identifier	240-64729708	Rev	7
Effective Date	Aug 2021		
Review Date	September 2026		

I, **(Name & Surname of the appointer)** the **(Designation of the appointer*)** for **(Site name)** hereby appoint you **(Add Appointee Name & Surname)** being the Contractor's Representative for **(Add full company Name)** as **Principal Contractor** for **(Scope of work)** as per Construction Regulations 2014, Regulation 5(1)(k); to perform the following duties as prescribed by Construction Regulations 2014, Regulation 7(1) ; .

Designated Functional Responsibilities and Authority

In particular you are required amongst others, to ensure the following –

- provide and demonstrate to the client sufficient documented Health and Safety Plan based on clients documented health and safety specification contemplated in regulation 5(1)b of CR 2014
- open and keep on site a health and safety file, which must include all documentation required in terms of the Act, which must be available on request to an inspector; the client, the client agent or a contractor;
- on appointing of any other contractor and ensure compliance with the provision of the Act as contemplated on regulation 7(1)c;
- ensure health and safety plan contemplated in regulation 7(1)(a) as well as contractors health and safety plan is available on request to an employee, inspector, a contractor ; the client or client's agent
- hand over a consolidated health and safety file to the client upon completion of the construction work;
- include and make available a comprehensive and updated list of all contractors on site accountable to the principal contractor, the agreements between the parties and the type of work being done
- ensure that all his or her employees have a valid medical certificate of fitness specific to the construction work to be performed and issued by an occupational health practitioner in the form of Annexure 3.
- stop any contractor from performing a construction activity which poses a threat to the health and safety of persons and which is not in accordance with the client's health and safety specifications and the Contractor's Health and Safety Plan for the site.

You are required to report any deviations from the above-mentioned instructions to me.

You shall submit a written weekly report on all shortfalls that have not been met in terms of these regulations.

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REFURBISHMENT**

Template Identifier	240-73416879	Rev	2
Document Identifier	High/Constr 1	Rev	1
Effective Date	April 2023		
Review Date	February 2026		

This appointment is effective from **(Add Start Date Here)** until withdrawn by the **(Designation of the appointer*)**.

.....

Signature
(Designation of the appointer*)

Date

Acceptance of Designation

I, **(Add Appointee Name Here) (Add Unique number or ID number)**, hereby acknowledge and accept the above-mentioned appointment and declare that I am conversant with the relevant provisions of the Occupational Health and Safety Act No. 85 of 1993.

.....

Principal Contractor CR 5 (1)(k)

Date


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		Document Identifier	High/Constr 1	Rev	1
		Effective Date	April 2023		
		Review Date	February 2026		

Annexure 7 – Annexure B: Eskom Acknowledgement Form for OHS legal and other requirements

	Annexure B: Eskom Acknowledgement Form for OHS Legal and Other Requirements	Template Identifier	240-43921804	Rev	5
		Document Identifier	240-77471499	Rev	3
		Effective Date	May 2021		

NOTE: the supplier/contractor/tenderer has to ensure that he/she understands the OHS requirements listed hereunder.

<p>1. The supplier/contractor/tenderer is expected to comply to the following documents when working at/rendering a service to Eskom but not limited to the following:</p> <ul style="list-style-type: none"> a. Eskom contractor Health and Safety requirements standards 32-136 b. OHS specification/requirements provided c. Occupational Health and Safety Act 85 of 1993 d. Compensation for Occupational Diseases and Illnesses Act 130 of 1993 <p>Note: Please note that after contract award, it is your responsibility to fully align the company's processes to Eskom's OHS requirements (policies, procedures, standards etc).</p>
<p>2. Penalties shall be enforced on the main supplier for non-conformance/s (identified for the main supplier and/or its contractor and/or supplier) pertaining to Eskom and/or Statutory OHS requirement/s.</p>
<p>4. Ensure that all employees (contractors/suppliers) undergo the relevant Eskom induction and the y's induction</p>
<p>5. Management of Contractors/ Suppliers</p> <p>The main contractor/supplier:</p> <ul style="list-style-type: none"> a) Has to demonstrate to Eskom the process and selection criteria applied when appointing contractors and suppliers. b) Has to provide notification to Eskom, prior to the appointment of contractors or suppliers for the commencement of work. c) Has to ensure that contractors/ suppliers have adequate resources and competencies. d) Is accountable for the management of its contractors/ suppliers in order to ensure that the applicable legal and Eskom requirements (that are applicable to the main supplier during contract execution) are complied with by the contractors or suppliers. e) The main supplier shall monitor contractors or suppliers through audits and assessments with regard to OHS compliance during the execution of the work.

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		Review Date	February 2026		

- f) The grounds for the termination of work done by contractors/suppliers shall be provided by the main supplier.
- g) All non-conformances/non-compliance by the contractors/suppliers (all tiers) to the main supplier shall be dealt with directly with the main contractor/supplier in terms of performance and penalty processes.
- h) Eskom reserves the right to verify this when deemed necessary. The contractor may be instructed to provide copies of testimonials/references and the contact detail of clients (including Eskom) for whom the Company has done previous work of a similar nature

I, the undersigned, hereby acknowledge that I have obtained copies of the above documents and confirm that I fully understand them and the consequences of non-compliance.

Signed at on day of 20.....

Company/Supplier Name:

.....

Name of Authorised person (CEO/Director/ Managing Director)

.....

Signature

Date

Witness 1

Witness 2

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		Effective Date	April 2023		
		Review Date	February 2026		

Annexure 8 – Behavioural Observation Form

Behavioural Observation Form – Standard					
Observer's Details					
Name of Observer:			Date of Observation:		
Duration of Observation (min) :			Task Grading of Observer:		
Operation Unit:			Observer's Dept./Area:		
Dept. observed:			Location/Area/PS/Unit:		
People Observed		Group Observed			
Number of people observed:		Employee:		Co-Observers	
Number of people working safely:		Principal Contractor:		Co-Observer:	
		Sub-Contractor:		Co-Observer:	
Number of people working unsafely:		Visitor:		Co-Observer:	
Type of activity Observed:					
Safe behaviours and Safe Conditions Observed					
Activity is:	Safe	(If block is selected - describe safe behaviours and conditions in above block)			
	Unsafe	(If block is selected - Please identify the unsafe actions in the categories below)			
Unsafe Categories					
PPE		Positions of People		Reactions of People	
<input type="checkbox"/> Ears		<input type="checkbox"/> Striking against or getting struck by		<input type="checkbox"/> Adjust PPE	
<input type="checkbox"/> Eyes and face		<input type="checkbox"/> Caught in or between objects		<input type="checkbox"/> Change position	
<input type="checkbox"/> Feet and Legs		<input type="checkbox"/> Fall/could fall		<input type="checkbox"/> Rearrange job	
<input type="checkbox"/> Hands and Arms		<input type="checkbox"/> Contacting extreme temperatures		<input type="checkbox"/> Stop activity	
<input type="checkbox"/> Head		<input type="checkbox"/> Inhaling or swallowing hazardous substances		Orderliness/Housekeeping	
<input type="checkbox"/> Respiratory System		<input type="checkbox"/> Repetitive motion		<input type="checkbox"/> Not understood	
<input type="checkbox"/> Trunk		<input type="checkbox"/> Awkward positions		<input type="checkbox"/> Not known	
		<input type="checkbox"/> Electrical contact		<input type="checkbox"/> Not followed	
Tools and Equipment		Procedures			
<input type="checkbox"/> In bad, unsafe condition		<input type="checkbox"/> Not adequate		<input type="checkbox"/> Not followed	
<input type="checkbox"/> Not used correctly		<input type="checkbox"/> Not known		<input type="checkbox"/> Not understood	
<input type="checkbox"/> Wrong for job					
Reasons for Unsafe Behaviours					
<input type="checkbox"/> Not available			<input type="checkbox"/> Knowledge (training)		
<input type="checkbox"/> Unaware of risk			<input type="checkbox"/> Not practical		
<input type="checkbox"/> Uncomfortable			<input type="checkbox"/> Time pressure		
<input type="checkbox"/> Cost			<input type="checkbox"/> Unclear responsibility		
<input type="checkbox"/> Forgetting					
Comments/Follow-up Actions:					

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		Effective Date	April 2023		
		Review Date	February 2026		

Annexure 9 – Annexure D OHS KPI SHE Post-contract Reviews

	Annexure D: OHS KPI's and Post-Contract Reviews	Template Identifier	240-43921804	Rev	5
		Document Identifier	240-77472561	Rev	3
		Effective Date	May 2021		

The objectives and outcome of the OHS post-contract review shall be reflected in the contractual requirements for the supplier so that the supplier is aware of this exercise.

An evaluation will be conducted and will be supported by the objective evidence documented during the term of the contract. The evaluation report must be filed in the contract documents.

The following criteria (but not limited to) shall be considered for the review:

- Accident and injury data for the contract.
- OHS non-conformances.
- Duration and effectiveness in addressing and closing out OHS deficiencies/corrective actions.
- Legal compliance with OHS requirements.
- Number of behavioural safety observations conducted by contract manager and the contractor supervisors.
- Close-out of Incident Investigations.
- No. of staff members (incl. subcontractors and suppliers) who contravened the Eskom Lifesaving rules.
- Prohibition and contravention notices issued by Department of Labour/Dept. of Mineral Resources notices, Department of Environmental affairs etc.
- Contributions and effort made to improve OHS performance
- Contractor /Supplier (including its contractor) total number of incidents:
 - Fatalities,
 - Lost-time injuries,
 - reportable incidents (Department of Labour/Department of Mineral Resources/Department Environmental affairs)

The following matrix shall be used to assess the performance against the identified criteria.

The OU/BU may add or remove KPI's to ensure practicality:

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		Document Identifier	High/Constr 1	Rev	1
		Effective Date	April 2023		
		Review Date	February 2026		

	Annexure D: OHS KPI's and Post-Contract Reviews	Template Identifier	240-43921804	Rev	5
		Document Identifier	240-77472561	Rev	3
		Effective Date	May 2021		

1. Contractor OHS KPI (Business units or Operating units must ensure alignment to the business KPI's)

Supplier's name: **Project Ref number:**

Scope of work:

KPA	KPI	Weighting	Floor	Kick	Target	Stretch	Ceiling
1. Fatalities	1.) No of fatalities experienced for the fiscal year or the duration of the project if less than 12 months	40%	2	1	0	-1	-2
2. Lost time incidents / LTIR	1.) Lost time incidents/LTIR for the fiscal year the duration of the project less than 12 months	30%	4	3	2	1	0

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		Effective Date	April 2023		
		Review Date	February 2026		

3. OHS compliance	1.) Supplier average audit rating for the fiscal year the duration of the project less than 12 months	20%	1	2	3	4	5
	2.) Supplier has closed out audit findings/non-conformances within a specified period.		80%	85%	90%	95%	10%
	3.) Eskom Safety rules violation for the fiscal year the duration of the project less than 12 months		40%	20%	0%	-20%	-40%
4. OHS improvement programme	1.) Supplier has implemented OHS interventions or initiatives to improve on the Health and Safety of employees	10%	60%	70%	80%	90%	100%
	2.) Supplier participate in Eskom's OHS interventions and programmes (Safety stand offs, OHS campaigns/events, cooperation, provide the required feedback or information etc)		60%	70%	80%	90%	100%

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	Annexure D: OHS KPI's and Post-Contract Reviews	Template Identifier	240-43921804	Rev	5
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		Effective Date	May 2021		

2. Post Contract Evaluation Report:

Unacceptable	Satisfactory	Good	Exceptional
Comments:			
<u>Decision:</u> <u>Will this Supplier be Recommended for Future Work Within Eskom? Tick Applicable Column</u>			
Yes, With Reservations	Yes	No	
Substantiate the reasons for reservation (if applicable):			
Names and designations and contact details of persons that conducted the post contract review:			

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Unacceptable	Satisfactory	Good	Exceptional
Administrative: Performance record and evaluation data on this form have been completed by: Client representative: Name: _____ Title: _____ Signature: _____ Date: _____ Additional comments:			


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		Effective Date	April 2023		
		Review Date	April 2024		

Annexure 10 – TASK OBSERVATION FORM

	Task Observation Template		Template Identifier	240-43921804	Rev	6
			Document Identifier	240-114350002	Rev	2
			Effective Date	November 2020		
			Review Date	May 2025		

1.	Task Observer Name:		Task Observed / Scope of Work:	
	Section / Department:		Location:	
	Occupation:		Is there a procedure for this task?	
	Date:		Procedure Ref. No.:	
	Time with task:		Work Order No.:	

2.	REASON FOR THE OBSERVATION									
	Planned		Accident Repeater		Experienced Worker		Risk Taker		Follow-up	
	Name of employee/s being observed:									

3.	TASK OBSERVATION									
	Did employee adhere to the procedure / practise requirements?			Could Substandard Acts and Conditions observed lead to:						
	Did the employee use the prescribed PPE			- Injury						

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		Review Date	April 2024		

	Did the employee adhere to safety specifications as per activity performed at the time			- Occupational Health Illnesses		
	Tools & Equipment:			- Costs (Delays)		
	- Used correctly			- Poor Quality (Non-conformance)		
	- In good and safe condition			- Environment (Damage, Pollution, Wildlife)		
	- Test certificates valid and available			- Public Liability		
	Pre-task Planning (Toolbox Talk):			- Work Site (Clean and Tidy)		
	- Work Instruction / Task Manual used			- Live saving Rules (Transgression)		
	- Complete workers register					
	Risk assessment been done					
	Valid work permit available					
4.	NON COMPLIANCE PRACTICES OBSERVATION					
	Working at unsafe speed			Failure to warn		
	Using unsafe equipment			Taking chances		
	Using equipment unsafely			Failure to identify hazards		
	Unsafe loading, placing & lifting			Failure to secure / lock-out		
	Taking unsafe position			Safety sign ignored		
	Safety rules ignored					
	NOTE: ALL OBSERVED CLASS HAZARDS SHALL REQUIRE IMMEDIATE INTERVENTION					
5.	OBSERVED DEVIATIONS / NON-CONFORMANCES					
6.	AT RISK BEHAVIOURS					

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		Effective Date	April 2023		
		Review Date	April 2024		

7.	PROPOSED CONTROLS				
	Compile a procedure for this task			Issue a standing instruction	
	Revise present procedure			Change work methods	
	Retrain employees			Professional referral	
	Engineering revision			Coaching	
8.	ANALYSIS				
	IAC – Inadequate capability		ABU – Abuse or misuse / equip / drug or alcohol	MAIN – Inadequate maintenance	
	KNO – Lack of knowledge		NAT – Natural factors	EQU – Inadequate equipment	
	SKI – Lack of skill		LEA – Inadequate leadership	STA – Inadequate work / training standards	
	STR - Stress		ENG – Inadequate engineering	WEA – Wear and tear	
	MOT – Improper motivation		PUR – Inadequate purchasing	CON – Inadequate control	
9.	DISCUSSION BETWEEN SUPERVISOR / OBSERVER AND EMPLOYEE				
	EMPLOYEE EXPLANATION FOR RISK BEHAVIOUR				
	AGREEMENT TO CHANGE AT RISK BEHAVIOUR				
10.	FOLLOW-UP ACTION			WHEN / WHO	
11.	SIGNATURES				
	Person being observed		Date		
	Task Observer		Date		

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		Document Identifier	High/Constr 1	Rev	1
		Effective Date	April 2023		
		Review Date	April 2024		

Annexure 11 – Contractor SHE File Hand Back Record

	CONTRACTOR SHE FILE HAND BACK RECORD	Document Identifier	240-76755865	Rev	1
		Authorisation Date	01 March 2014		

Delete not applicable

*Contract / Project : _____

*Contract / Project Number: _____

I, _____ in my capacity as _____, have received the SHE File for the above mentioned Contract / Project from:

Details of Contractor

Trading Name	
Company Registration Number	
Contact Person	
Contact Number	
Address	

The contents of the file include:

Note: member receiving to requirement for inclusion in file for project specific

Requirement	Minimum Requirement	In file
All drawings, photographs, designs		
Copy SHE policy		

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		Document Identifier	High/Constr 1	Rev	1
		Effective Date	April 2023		
		Review Date	April 2024		

Copy Letter of Good Standing		
Sect 16(2) Appointment		
Project / Contract scope of work		
Project / Contract SHE plan		
Principal Contractor Appointment		
H & S Representative appointment		
Safety Officer appointment		
Construction Notification application		
Construction Work Permit approval		
Approved copy of specific SHE plan		
Project Organisational Organogram		
Breakdown for costing for SHE		
Scope of Work		
Competency Training records		
Incident investigation records		
Base Line Risk Assessments		
Fall protection plan		
Medical Certificates		
Emergency Management plans		
Fire Risk Management plans		
First Aid Management		
SHE Communication System		
Pre start job assessment / talk		
Relevant Equipment check lists		
Audit reports		

- Assessor to add additional project / contract specific requirements

Comments by member receiving file:

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		Effective Date	20 February 2016		
		Review Date	February 2021		

Annexure 13 – Working at Height On Job Observation Form

	WORK AT HEIGHT ON JOB OBSERVATION FORM	Template Identifier	240-43921804	Rev	6
		Document Identifier	240-141493501	Rev	1
		Effective Date	January 2018		
		Review Date	January 2023		

Unit/Area/Section: _____

Person _____ being _____ observed:

Observation done by: _____ Job Title: _____

Tick the correct task/activity in one of the boxes below: ✓

Planned	Ad hoc	Risk taker	Experienced worker	Accident repeater	Follow-up
---------	--------	------------	--------------------	-------------------	-----------

Suspected use of			Yes	No				
Working from a Ladder	Working from Scaffolding	Working from a Cherry Picker	Working from a Crane in attached basket	Climbing and working on Lattice Structure	Climbing and working on Steel Mono pole	Climbing and working on Wooden pole	Working on top of a truck's load body	Working on a transformer

Visual inspection of FAS Unit	YES	NO	N/A	Comments or observation
All components of the FAS Unit shall be examined: <ul style="list-style-type: none"> • Full Body Harness • Twin Lanyard with Shock Absorber • Work Positioning Lanyard 				

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		Effective Date	20 February 2016		
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<ul style="list-style-type: none"> • Hooks • Attachment Slings • D-ring • Carabiners 				
Is the climber in possession of a FAS Rescue Kit?				
Is the climber working under the supervision of the rope access lead?				
Fitting/Adjusting FAS				
Locate and pick up by the dorsal D-ring and put the shoulder straps on from behind the shoulders				
Couple together the male and female parts of the quick-lock on chest strap and adjust tension				
Fit the waist belt and adjust to the correct waist size				
Fit the leg straps				
Connect the twin lanyard to the dorsal D-ring of the harness				
Fit the one connector of the work positioning lanyard to the left D-ring and the other connector to the right D-ring of the harness belt				
Co-worker/s check if the FAS is securely fastened around the wearer's body				
Not too tight and not too loose – measure between legs using 2 fingers				
Working from a ladder/PML				
Has the ladder been inspected before use?				
Has the ladder been secured at the bottom before climbing?				
Is the ladder on a ladder register?				
When ascending or descending from a ladder, the user shall hook the pylon hooks alternately onto the ladder rungs				
The user shall use the centre of the ladder to ensure proper balancing on the ladder				
Does the user secure the ladder at the top?				
Working on transformers – ground level				

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When ascending/descending from the transformer using a short ladder – the ladder shall be secured at the bottom by another person				
If an anchoring point is available; ensure that the two big pylon hooks are hooked to the anchor point so that the user is anchored at all times				
If there are no suitable anchoring points, create one by using the attachment sling/s				
Attach the pylon hooks onto the sling/s				
Alternatively; an approved portable lifeline can be used				
Working with climbing shoes/irons				
Check pole for rot				
Carry out a visual inspection of the climbing shoes or irons: <ul style="list-style-type: none"> • Hook (not bent) • Sharpness of spikes • Leather straps (not damaged) • Buckles (not damaged) • No cracks in the metal 				
Take the climbing shoes/irons to the bottom of the pole. Put one foot on the footplate and fasten the leather straps around the foot and then repeat with the other foot				
Stand as close as possible to the pole, then loop the work positioning lanyard of the FAS Unit twice around the pole, keeping it crossed (Figure 8)				
Attach the connectors of the work positioning lanyard to the left and right D-rings of the waist belt				
Place the first climbing shoe hook around the pole as low as possible and place the second shoe hook around the pole above the first hook				
Use thumbs to move the crossed loop of the work positioning lanyard upwards, taking care to keep the loop crossed and as small as possible				

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Is the user in possession of a rope-grab system and has a suitable anchor point been identified to anchor it on?				
When reaching the work position, ensure that the two big pylon hooks are hooked at all times to an anchor point				
To descend; slowly move down the pole in the same way you moved up				
Lattice Structures				
Is the steel structure fitted with climbing pegs?				
Is there safe access at the anti-vandal devices?				
Is the structure sound enough to be climbed?				
Does the climber have the correct PPE? i.e.: <ul style="list-style-type: none"> • Hat with short peak and chin strap • Safety glasses • Gloves • Shoes • Are all tools attached with lanyards? • Correct thermal underwear for climate of the day 				
Has the correct method been adhered to for fastening the climbing hooks?				
Is there a device that controls the rate of descent?				
Emergency Plan and Rescue Plan				
Does the climber have or know of the site-specific approved Fall Prevention Plan?				
Does the climber know of the Emergency Plan?				
Is an active system being operated by another employee for the purpose of arresting the fall of a rope access worker?				
Access zone				
Has the area been determined where employees are at risk of falling, such as near a working edge?				

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Deviations/Comments/Feedback:

.....

.....

.....

Training needs identified:

.....

.....

SIGNATURE : **DATE:**
Person being observed

SIGNATURE : **DATE:**
Observer

SIGNATURE : **DATE:**
Chairman of H & S Committee

Safe Work Procedures:

Replacement of Pole Dead End Assembly	
Replacement of a Rotten - Broken Pole with a Vehicle Mounted Crane	
Manual Replacement of a Rotten - Damaged Wooden Pole Structure	
OHS Incident Management Procedure Rev 9	

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Occupational Health Safety Incident Management Definitions Classification Parameters Standard	
OPERATING A HYDRAULIC AUGER ATTACHED TO A VEHICLE MOUNTED CRANE	
Operating a Vehicle Mounted Crane	
Work at Height Standard	
Shoring of Excavation for Lines and Substations	
Vehicle and Driver Safety Management	
Excavation, Backfill and Compacting	
Barricading of Exposed Excavations	



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