

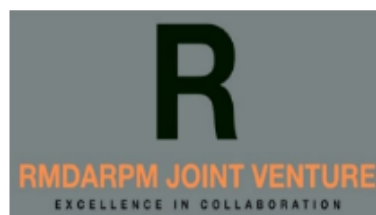


**OCCUPATIONAL HEALTH AND SAFETY ACT, 1993
CONSTRUCTION REGULATIONS, 2014
CR 5(1)(B)**

HEALTH AND SAFETY SPECIFICATIONS

FOR

**New Development Additions & Alterations to Kuruman Taxi and Bus
Rank Project**



Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 1 of 36

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Document Prepared By:

Candice Projects and Safety Concern (Pty) Ltd

Address:

6 Naroko Str10439 Dithatswane Village
Mafikeng
2745

Tel: 063 818 7981

Email: djansen@candiceohs.co.za

Document Prepared For:

**Ward 1 of the Ga-Segonyana Local Municipality within the John Taolo
Gaetsewe District**

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1 of 10			
2 of 10			
3 of 10			
4 of 10			
5 of 10			
6 of 10			
7 of 10			
8 of 10			
9 of 10			
10 of 10			

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Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 2 of 36

Document Index		
Section	Description	Page Number
1	Definitions	5
2	Document Purpose and Intent	9
3	Scope of Work	10
	3.1 Revisions	11
4	Applications and Interpretations	13
5	Abbreviations	13
6	Construction Work Permit (Construction Regulation 3)	13
7	Notification of Construction (Construction Regulation 4)	14
8	Legal Documentation	14
9	Site Organogram	14
10	General Duties of Principal Contractor	14
11	Legal Appointments, Management and Supervision of Construction Work	15
12	Risk Assessment	17
13	Safe Work Procedures	18
14	Fall Protection	19
15	Roof Work	19
16	Structures	20
17	Temporary Works	20
18	Excavations	21
19	Demolition Works	21
20	Tunneling	21
21	Scaffolding	21
22	Suspended Platforms	22
23	Rope Access Work	22
24	Material Hoist	22
25	Bulk Mixing Plant	23
26	Explosive Actuated Fastening Devices	23
27	Cranes	23
28	Construction Vehicles and Mobile Plant	23
29	Electrical Installations and Machinery on Construction Sites	24
30	Use and Storage of Flammable Liquids on Construction Sites	25
31	Water Environments	25
32	Housekeeping and General Safeguarding on Construction Sites	26
33	Stacking and Storage on Construction Sites	26
34	Fire Precaution on Construction Sites	26
35	Facilities for Construction Employees	26
36	Registers	27
37	Training:	27
	37.1 Induction Training	27
38	General Requirements	28
	38.1 Personal Protective Equipment (PPE)	28
	38.2 Hired Mobile Plant	28
	38.3 Transport of Employees	28

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 3 of 36

	38.4	Signs	28
	38.5	Medical Certificates of Fitness	29
	38.6	Reporting of Incidents	29
	38.7	Material Safety Data Sheets	29
	38.8	Confined Spaces	30
	38.9	Pilling	30
	38.10	Pipe Jacking	30
	38.11	Traffic Accommodation	31
39	Hazardous Chemical Substances (Including Asbestos and Lead)		31
40	Asbestos		31
41	Lead		32
42	Noise Induced Hearing Loss		32
43	Lighting		33
44	Hazardous Biological Agents (HBA)		33
45	Welding, Flame Cutting, Soldering and Similar Operations		34
46	Radiation		34
47	Disaster Management Response Plan		34
48	Approval and Signatory		35

1. DEFINITIONS

“Construction Regulations” means-

The Occupational Health and Safety Act's, No 85 of 1993, Construction Regulations 2014 that has come into effect on August 7, 2014.

“agent” means-

A competent person who acts as a representative for a client;

“angle of repose” means-

The steepest angle of a surface at which a mass of loose or fragmented material will remain stationary in a pile on the surface, rather than sliding or crumbling away;

“bulk mixing plant” means-

Machinery, appliances or other similar devices that are assembled in such a manner to be able to mix materials in bulk for the purposes of using the mixed product for construction work;

“client” means-

Any person for whom construction work is being performed;

“Chief Executive Officer” means-

In relation to a body corporate or an enterprise conducted by the State. means the person who is responsible for the overall management and control of the business of such body corporate or enterprise

“competent person” means-

A person who has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications, specific to that work or task: Provided that where appropriate qualifications and training are registered in terms of the provisions of the National Qualification Framework Act, 2000 (Act No.67 of 2000), those qualifications and that training must be regarded as the required qualifications and training; and is familiar with the Act and with the applicable regulations made under the Act;

“construction manager” means-

A competent person responsible for the management of the physical construction processes and the coordination, administration and management of resources on a construction site;

“construction site” means-

A workplace where construction work is being performed;

“construction supervisor” means-

A competent person responsible for supervising construction activities on a construction site;

“construction vehicle” means-

A vehicle used as a means of conveyance for transporting persons or material, or persons and material, on and off the construction site for the purposes of performing construction work;

“construction work” means-

Any work in connection with:

- a) The construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 5 of 36

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;

“construction work permit” means-

A document issued in terms of regulation 3;

“contractor” means-

An employer as defined in Section 1 of the Act who performs construction work;

“danger” means-

Anything that may cause injury or damage to persons or property.

“demolition work” means-

A method to dismantle, wreck, break, pull down or knock down of a structure or part thereof by way of manual labour, machinery, or the use of explosives;

“design” means-

In relation to any structure, includes drawings, calculations, design details and specifications;

“designer” means -

A competent person who-

- Prepares a design;
- Checks and approves a design;
- Arranges for a person at work under his or her control to prepare a design, including an employee of that person where he or she is the employer; or
- Designs temporary work, including its components;
- An architect or engineer contributing to, or having overall responsibility for a design; a building services engineer designing details for fixed plant;
- A surveyor specifying articles or drawing up specifications;
- A contractor carrying out design work as part of a design and building project; or an interior designer, shop-fitter or landscape architect;

“employee” means-

Subject to the provisions of Subsection (2), any person who is employed by or works for any 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” means-

Subject to the provisions of Subsection (2), any person who employs or provides work for any person or remunerates that person or expressly or tacitly undertakes to remunerate him but excludes a Labour broker as defined in Section 1(1) of the Labour Relations Act, 1953 (Act No. 28 of 1956).

“excavation work” means-

The making of any man-made cavity, trench, pit or depression formed by cutting, digging or scooping;

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 6 of 36

“explosive actuated fastening device” means-

A tool that is activated by an explosive charge and that is used for driving bolts, nails and similar objects for the purpose of providing fixing;

“fall arrest equipment” means-

Equipment used to arrest a person in a fall, including personal equipment, a body harness, lanyards, deceleration devices, lifelines or similar equipment;

“fall prevention equipment” means-

Equipment used to prevent persons from falling from a fall risk position, including personal equipment, a body harness, lanyards, lifelines or physical equipment such as guardrails, screens, barricades, anchorages or similar equipment;

“fall protection plan” means-

A documented plan, which includes and provides for -

- All risks relating to working from a fall risk position, considering the nature of work undertaken;
- The procedures and methods to be applied in order to eliminate the risk of falling; and
- A rescue plan and procedures;

“fall risk” means-

Any potential exposure to falling either from, off or into;

“hazardous identification” 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

“healthy” means-

Free from illness or injury attributable to occupational causes

“health and safety file” mean-

A file, or other record containing the information in writing required by these Regulations;

“health and safety plan” mean-

A site, activity or project specific documented plan in accordance with the client’s health and safety specification;

“health and safety specification” mean-

A site, activity or project specific document prepared by the client pertaining to all health and safety requirements related to construction work;

“machinery” means-

Any article or combination of articles assembled, arranged or connected and which is used or intended to be used for converting any form of energy to performing work, or which is used or intended to be used, whether incidental thereto or not, for developing, receiving, storing, containing, confining, transforming, transmitting, transferring or controlling any form of energy

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 7 of 36

“material hoist” means-

A hoist used to lower or raise material and equipment, excluding passengers;

“medical certificate of fitness” means-

A certificate contemplated in construction regulation 7(8);

“medical surveillance” means-

A planned program of 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

“mobile plant” means-

Any machinery, appliance or other similar device that is able to move independently, and is used for the purpose of performing construction work on a construction site;

“National Building Regulations” means-

The National Building Regulations made under the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977), and promulgated by Government Notice No. R. 2378 of 30 July 1990, as amended by Government Notices No's R. 432 of 8 March 1991, R. 919 of 30 July 1999 and R. 547 of 30 May 2008;

“person day” means-

One normal working shift of carrying out construction work by a person on a construction site;

“plant” means-

Fixtures, fittings, implements, equipment, tools and appliances, and anything which is used for any purpose in connection with such plant

“principal contractor” means-

An employer appointed by the client to perform construction work;

“professional engineer or professional certificated engineer” means-

A person holding registration as either a Professional Engineer or Professional Certificated Engineer in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000);

“professional technologist” means-

A person holding registration as a Professional Engineering Technologist in terms of the Engineering Profession Act, 2000;

“properly used” means-

Used with reasonable care, and with due regard to any information, instruction or advice supplied by the designer, manufacturer, importer, seller or supplier

“provincial director” means-

The provincial director as defined in regulation 1 of the General Administrative Regulations, 2003;

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 8 of 36

“reasonably practicable” means-

practicable having regards to:

- a) the severity and scope of the hazard or risk concerned,
- b) the state of knowledge reasonably available concerning that hazard or risk and of any means to remove or mitigate that hazard or risk.
- c) the availability and suitability of means to remove or mitigate that hazard or risk; and
- d) the cost of removing or mitigating that hazard or risk in relation to the benefits deriving there from.

“risk” means-

The probability that injury or damage will occur.

“risk assessment” means-

A program to determine any risk associated with any hazard at a construction site, in order to identify the steps to be taken to remove, reduce or control such hazards

“safe” means-

Free from any hazard

“scaffold” means-

A temporary elevated platform and supporting structure used for providing access to and supporting workmen or materials or both;

“shoring” means-

A system used to support the sides of an excavation and which is intended to prevent the cave-in or the collapse of the sides of an excavation;

“standard” means-

any provision occurring:

- a) In a specification, compulsory specification, code of practice or standard method as defined in Section 1 of the Standards Act, 1993 (Act No. 29 of 1993); OR
- b) In any specification, code or any other directive having standardization as its aim and issued by an institution or organization inside or outside the Republic which, whether generally or with respect to any particular article or matter and whether internationally or in any particular country or territory, seeks to promote standardization

“structure” means -

any building:

- steel or reinforced concrete structure (not being a building), railway line or siding, bridge, waterworks, reservoir, pipe or pipeline, cable, sewer, sewage works, fixed vessels, road, drainage works, earthworks, dam, wall, mast, tower, tower crane, bulk mixing plant, pylon, surface and underground tanks, earth retaining structure or any structure designed to preserve or alter any natural feature, and any other similar structure;
- any falsework, scaffold or other structure designed or used to provide support or means of access during construction work; or
- any fixed plant in respect of construction work which includes installation, commissioning, decommissioning or dismantling and where any construction work involves a risk of a person falling;

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 9 of 36

“suspended platform” means-

A working platform suspended from supports by means of one or more separate ropes from each support;

“temporary works” means-

any falsework, formwork, support work, scaffold, shoring or other temporary structure designed to provide support or means of access during construction work;

“the Act” means-

The Occupational Health and Safety Act, 1993 (Act No. 85 of 1993);

“tunneling” means-

The construction of any tunnel beneath the natural surface of the earth for a purpose other than the search for or winning of a mineral.

“user” means-

In relation to plant or machinery, means the person who uses plant or machinery for his own benefit or who has the right of control over the use of plant or machinery, but does not include a lessor of, or any person employed in connection with, the plant or machinery

2. DOCUMENT PURPOSE AND INTENT

The specifications contained in this document relate to the health and safety requirements pertaining to all associated works on **New Development Additions & Alterations to Kuruman Taxi and Bus Rank Project**

This Safety Specification is compiled in order to provide all contractors with the minimum standard of Occupational Health, Safety and Environmental compliance required by **Ward 1 of the Ga-Segonyana Local Municipality within the John Taolo Gaetsewe District Province**

The purpose of this specifications is to ensure the health and safety of every person(s) that may be affected by the works on the above-mentioned project.

It furthermore ensures the safety and sustainability of the environment by requiring every contractor to comply with the Occupational Health and Safety Act (Act 85 of 1993) as well as all as Regulations associated to the Scope of Works.

Although the Occupational Health and Safety Act (Act 8 of 1993) and associated Regulations are the minimum requirements to which a contractor must comply with, where these specifications precede the aforementioned Act and Regulations this specification shall take precedence over the minimum health and safety specifications required by law.

A contractor shall not be limited to the contents of this Specification and definitions contained in this document. Every contractor may, where the need arises provide a higher standard of health and safety measures in order to ensure the health and safety of their employees.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 10 of 36

Every Principal Contractor shall:

Provide the Client (**Ward 1 of the Ga-Segonyana Local Municipality within the John Taolo Gaetsewe District Province**) or its Agent with a **suitable, sufficiently documented, and coherent** Health and Safety Plan (H & S Plan) based of this Health and Safety Specification.

Apart from this Health and Safety Specification, the following must also be incorporated within the Health and Safety Plan of the contractor:

- Occupational Health and Safety Act (Act 85 of 1993).
- Occupational Health and Safety Amendment Act (Act 181 of 1993).
- 2014 Construction Regulations.
- All other Regulations associated with the Scope of Work.
- The Client's Baseline Risk Assessment.
- Compensation for Occupational Injuries and Diseases Act (Act 61 of 1997).
- All applicable South African National Standards (SANS).
- All other Legislation associated with the Scope of Work.

Every Principal Contractor must submit their Health and Safety Plan **IN DUPLICATE** for approval to the Health and Safety Agent / Client prior to commencement of work.

The Principal Contractors' Health and Safety Plan must contain information referencing the above-mentioned documents, as well as describe in detail the procedures on how implementation and compliance will be obtained.

Monitoring and compliance of all OHS Systems and Processes on site shall be conducted in strict compliance with the requirements of the Occupational Health and Safety Act and Regulations as well as the contents of the approved H&S Plan(s) of the Principal Contractor and Contractors.

3. SCOPE OF WORK

The scope of works shall include but not be limited to the following:

- **New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project**
 - , including
 - Excavations.
 - Concrete and Mortar Works
 - Plumbing Works (Water Supply, Drainage and Sewer Reticulation)
 - Electrical Works
 - Service Detection and Land Surveying

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 11 of 36

This original document has been prepared, reviewed, and received by the undersigned:

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Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 12 of 36

PRINCIPAL CONTRACTOR RECEIPT			
Company Name			
Received By			
Capacity			
Signature			
Date			
REVISION 2			
Prepared By		Reviewed By	
Signature		Signature	
Date		Date	
CLIENT COMMENTS			
Client Representative			
Capacity			
Signature			
Date			
REVISION 3			
Prepared By		Reviewed By	
Signature		Signature	
Date		Date	
CLIENT COMMENTS			
Client Representative			
Capacity			
Signature			
Date			

4. APPLICATIONS AND INTERPRETATIONS

This document must be read and understood in conjunction with the following, inter alia:

- Occupational Health and Safety Act (Act 85 of 1993).
- Disaster Management Act (Act 57 of 2002).
- VIRAL OUTBREAK Regulations.
- All regulations published in terms of the Occupational Health and Safety Act.
- Construction Regulations, 2014.
- SANS codes referred to by the Occupational Health and Safety Act and Regulations
- Contract Documents
- Basic Conditions of Employment Act (Act 75 of 1997)

5. ABBREVIATIONS

Abbreviation	Description
OHS	Occupational Health and Safety
CEO	Chief Executive Officer
CR	Construction Regulation
HCS	Hazardous Chemical Substance
MSDS	Material Safety Data Sheet
AIA	Approved Inspection Authority
HBA	Hazardous Biological Agent
OEL	Occupational Exposure Limit

6. CONSTRUCTION WORK PERMIT (CR 3)

If this project requires that the client applies for a Construction Work Permit as contemplated in Construction Regulation 3(1).

The client must apply for a Construction Work Permit 30 Days prior to the commencement date of the contract, (CR3(1)).

No contractor shall commit to any activity under the contract prior to the issuing of the Construction Work Permit by the Department of Labour (CR3(7)).

Only after the Construction Work Permit is obtained from the Department of Labour may the contractor start with site establishment.

A copy of the Construction Work Permit must be kept on the Safety File of each of the appointed Principal Contractors, (CR3(6)).

All appointed Principal Contractors shall provide the client with the necessary documentation as indicated on Annexure 1 Application for Construction Work Permit including all other documentation that may be required by the Department of Labour in order to process the application, (CR3(5)(a) and (b)).

The Construction Work Permit Number (Site Specific) must be conspicuously displayed at the main entrance to the site, (CR3(4)).

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 14 of 36

7. NOTIFICATION OF CONSTRUCTION WORK (CR 4)

Every Principal Contractor appointed on this contract shall notify the local Provincial Director of the Department of Labour, at least 7 days prior to the commencement date of the project in writing using an Annexure 2 Notification of Construction or a form similar to Annexure 2 of the intended construction work. (CR4(1))

The Notification of Construction can be sent by Registered Mail, E-Mail, Fax or be hand delivered to the Office of the Provincial Director: Department of Labour.

A copy of the completed Annexure 2 Notification of Construction, as well as proof of submission (Proof of Registered Mail, Fax Report, Email Delivery Notice or proof of hand delivery (stamped copy)) must be kept on the Principal Contractors Safety File

8. LEGAL DOCUMENTATION

The following documents must be provided in the Health and Safety Plan:

- Health and Safety Policy signed by CEO.
- Letter of good standing with the Compensation Commissioner or Federated Employers or similar insurer.
- Legal Appointments of all Supervisory and other key personnel.

9. SITE ORGANOGRAM

An organogram, outlining the project team as well as relevant appointments under the OHS Act and Construction Regulations must be provided as follows:

- Using a diagram format, indicate the reporting structure of all legal appointees.
- Starting with the Section 16(1) (CEO) of the Contractor
- Provide the Name, Surname and Position of every appointed person.
- Provide the contact details of all managerial staff as well as emergency response personnel.
- Every appointed person must be linked with his/her immediate Supervisor.

The following information must also be provided:

- The estimated number of employees to be working on site.
- The expected number of contractors to be appointed by the Principal Contractor.

10. GENERAL DUTIES OF EVERY PRINCIPAL CONTRACTOR (CR7)

Keep on site a copy of the approved health and safety plan.

Provide a written procedure detailing how sub-contractors will be managed in terms of the following:

- Submitting tenders
- Allowing budget for health and safety in tenders.
- Evaluating relevant competence of contractors
- The principal contractor will be responsible for co-operation between all contractors to ensure compliance to the OHS - Act and Regulations on site.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 15 of 36

- Provide proof of appointment of contractors.
- Provide proof that Contractor H&S Plan has been/ are approved, implemented, and maintained.
- Ensure that the contractors' health and safety file is kept and maintained on site.
- Provide proof that Contractors are registered with the Compensation Commissioner or similar insurer.
- A comprehensive & updated list of all contractors on site, also indicating the type of work being contracted for. must be provided in the health and safety plan.
- Copies of Section 37(2) agreements with the relevant contractors must also be provided.

11. LEGAL APPOINTMENTS, MANAGEMENT AND SUPERVISION OF CONSTRUCTION WORK

Signed copies of all legal appointments must be provided with the Health and Safety Plan

The following competent persons, **where applicable**, shall be appointed in writing by the Principal Contractor, prior to any work being carried out, and they shall adhere to the requirements of the specific sections of the Act and relevant sub-regulations.

Copies of all signed legal appointment letters must be kept in in the health and safety file.

LEGAL APPOINTMENTS	
•Section 16(1) CEO Acceptance/Appointment	
•Section 16(2) Assistant to the CEO	
•CR 8(1) Construction Manager	
•CR 8(2) Assistant Construction Manager	
•CR 8(5) Health and Safety Officer	
•CR 8(5) Traffic Safety Officer	
•CR 8(7) Construction Supervisor	
•CR 8(8) Assistant Construction Supervisor	
•CR 9(1) Risk Assessor	
•GAR 9(2) Incident / Accident Investigator	
•GSR 3(4) First Aider	
•Section 17(1) Safety, Health and Environmental Representative (SHE Rep)	
•Section 19(3) Health and Safety Committee Member	
•CR 10(1)(a) Fall Protection Planner	
•CR 10(1)(b) Fall Protection Officer	
•CR 12(1) Temporary Works Designer	
•CR 12(2) Temporary Works Supervisor	
•CR 12(3)(a) Temporary Works Erector	
•CR 12(3)(f) Temporary Works Inspector	
•CR 13(1)(a) Excavation Supervisor	
•CR 14(1) Demolition Supervisor	
•CR 16(1) Scaffold Supervisor	
•CR 16(1) Scaffold Inspectors	

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 16 of 36

- CR 16(1) Scaffold Erectors
- CR 16(1) Team Leaders
- CR 17(1) Suspended Platform Supervisor
- CR 18(1)(a) Rope Access Supervisor
- CR 19(8)(a) Material Hoist Inspector
- CR 19(6) Material Hoist Operator
- CR 20(1) Batch Plant/Bulk Mixing Supervisor
- CR 20(2) Batch Plant/Bulk Mixing Operator
- CR 21(2)(b) Explosive Powered Tools Inspector
- CR 21(2)(g)(i) Explosive Powered Tools Controller
- CR 23 Construction Vehicle and Mobile Plant Supervisor.
- CR 23(1)(d)(i) Mobile Plant Operators
- CR 24(c) Electrical Installation Controller
- CR 24(d) Electrical Installation Inspector
- CR 24(e) Electrical Installation Operator
- CR 27 & 28 Stockpile Supervisor
- CR 27 & 28 Stacking, Storage and Housekeeping Supervisor.
- CR 29 Fire Marshall
- CR 29(h) Fire Equipment Inspector
- CR 29(i) Fire Fighters
- GSR 5 Confined Space Supervisor
- GSR 13A(1) Ladder Inspector
- GMR 2 General Machinery Supervisor
- DMR 18 Tower Crane Erector
- DMR 18 Tower Crane Operator
- DMR 18(11) Lifting Machines Operator

The competency of each appointee listed above must be provided as follows:

- Formal qualification.
- Courses attended.
- Experience.
- List of relevant projects.

Indicate in the H&S Plan which of these listed appointments are applicable to the construction work in question.

No work involving any of the listed appointments may be performed without the knowledge and approval of an appointed competent person.

The Client and Clients' Agent reserves the right to require from any contractor at any stage to appoint a full or part-time construction health and safety officer.

The Clients' Agent shall ensure that that the following Legal Appointments are registered and in Good Standing with the Appointed Registered Statutory Body (SACPCMP) (CR 8(6)).

- CR 8(1) Construction Manager (CM)
- CR 8(5) Construction Health and Safety Officer (CHSO)

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 17 of 36

Proof of Registration and a Letter of Good Standing with the SACPCMP must be attached to these Legal Appointments.

12. RISK ASSESSMENT (CR9)

Risk assessments on contractors that permits specific tasks are required.

All risk assessments shall be conducted in terms of an acceptable methodology, prior to commencement of work, as well as during construction, according to the provisions of CR 9 and should cover at least the following:

- Brick work.
- Painting.
- Erection and dismantling of scaffolding.
- Working at heights.
- Use of ladders.
- Delivery of building materials e.g., bricks and cement Concrete work.
- Erection of Formwork and Support work.
- All work near overhead power lines and underground cables.
- All work near water - Danger of falling into rivers or dams.
- Locating underground cables/existing services.
- Hand excavation of trenches.
- Mechanical excavation of trenches.
- All work carried out inside trenches, including compacting, pipe laying, backfilling etc.
- Working with hand tools.
- Working with jack hammers.
- Working with portable electrical tools.
- **Work in or near confined spaces.**
- Hazardous biological substances employees are exposed to.
- Work with overhead cranes
- Work amongst plant traffic
- All cladding activities
- Roof work
- All health hazards that can be present during any of the above activities and should include individual dusts, gases, fumes, vapor's, noise, extreme temperatures, illumination, vibration, and ergonomic hazards due to any of the above activities.

The above list is by no means exhaustive and should not be limited to these activities but must cover all activities that forms part of the said construction work. Each activity must be broken down to individual tasks and all associated hazards identified and listed in the risk assessment. This ensures that critical tasks and subsequent critical hazards are not omitted.

The risk assessment to be included in the H&S Plan must clearly indicate:

- The methodology used to do the risk assessments.
- Breakdown of processes and activities covered. Subsequent risks and hazards identified.
- An analysis and evaluation of the risks and hazards.
- Risk calculations (considering consequence, frequency, and likelihood)
- A documented plan and applicable safe work procedures to mitigate, reduce or

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 18 of 36

control the risks and hazards.

- A Risk Assessment Monitoring Plan.
- A review plan in the event of design changes that effect the risk profile or incidents.

All risk assessments are to be conducted by a competent person as appointed under **paragraph 9 INFRA** of this document. The H&S plan must include a declaration in this regard, or the risk assessment must contain the signature(s) of this appointed persons.

Risk assessments are to cover safety, health, and ergonomic related hazards.

In addition to baseline risk assessments, the contractor shall daily, prior to each individual task, conduct and compile a Daily Site Task Instruction (DSTI),

13. SAFE WORK PROCEDURES

Safe Work Procedures are to form part of the H&S Plan and must be compiled for all the above- identified risk assessments.

The safe work procedures must address the following elements:

- The work method to be followed to conduct work safely.
- Control measures implemented to mitigation & reduce the risks.
- Responsibilities of competent persons.
- Required personal protective equipment.
- Correct equipment, tools, and machinery to be used.
- Reference to relevant registers to be completed.
- Reference to applicable risk assessment.
- The following two tables provides information on all factors to be considered when the Risk Assessments and Safe Work Procedures are compiled:

PHYSICAL	CHEMICAL	BIOLOGICAL	MECHANICAL	PSYCO-SOCIAL
Noise	Liquids	Insects	Guards	Stress
Vibration	Dust	Fungi	Hand Tools	Work Pressure
Ionizing Radiation	Fumes	Bacteria	Machinery	Monotony
Non-ionizing Radiation	Fibers	Viruses		Ergonomic: - Posture - Movement - Repetitive Tasks:
Health and Cold	Mists			
Electricity	Gasses			
Pressure	Vapors			

SYSTEMS	STRESS/AGENCY	ILLNESS/DISEASE
Musculoskeletal	Lifting/Loads Repetitive Strain Abnormal Posture Whole Body Vibration	Muscular Pain Syndromes Tenosynovitis Bursitis Osteoarthritis
Sensory	Noise	Hearing Loss
Skin	Cement (Chromates) Rubber Thinners	Allergic Contact Dermatitis Irritant Contact Dermatitis Acne

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 19 of 36

	Epoxies Tar (Bitumen Products) Pitch Solar Radiation	Skin Cancer Keratosis Cancer
Respiratory	Silica Asbestos Spray Paints Woods Epoxies Irritant Dust Welding Fumes Organic Solvents	Silicosis Tuberculosis (TB) Asbestosis Cancer Asthma Bronchitis Headaches Dizziness
Psychosomatic	Physical Stress Psychosocial Stress	Headaches Depression Fatigue Substance Abuse
Nervous System	Lead Organic Solvents	Peripheral and Central Neuropathy Headaches Dizziness Mood Disorder Dementia Cancer

14. FALL PROTECTION (CR10)

A Fall Protection Developer must be appointed in writing.

A detailed fall protection plan must be provided in the health and safety plan, and must include:

- Specific activities for which fall protection plan is applicable.
- Risk assessment.
- Medical fitness certificates.
- Training program / proof of training.
- Safe work procedure for inspection, testing and maintenance of fall protection equipment.
- Rescue plan.

15. ROOF WORK

Where roof work is conducted the contractor must, in addition to the above, provide the following in the fall protection plan:

- Proof that the roof work has been properly planned.
- Proof of competency of the roof erectors.
- The prohibition of roof work in inclement weather.
- That all covers to opening and fragile material are of sufficient strength to withstand any imposed load.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 20 of 36

- Provision for suitable and sufficient platforms, coverings, or similar means of support to be used in such a way that the weight of any person passing across or working on or from fragile material is supported.
- Suitable and sufficient guardrails, barriers and toe boards or other similar means of protection prevent as far reasonably practicable the fall of any person, material, or equipment.

16. STRUCTURES (CR11)

The construction manager will be responsible for the safety of all structures, and shall take steps to:

- Prevent the uncontrolled collapse of new and existing structures ascertain load bearing capacity in consultation with the designer.
- Obtain drawings relevant to the existing structures and structures to be constructed.

17. TEMPORARY WORKS (CR12)

All temporary works must be designed, inspected, and approved by a temporary works designer on site before use.

The following must be provided in the Health and Safety Plan:

- Appointment letter of temporary works designer
- Proof of competence of temporary works designer

Temporary works design to be signed off by designer, operations competent person and construction manager.

The temporary works design must specifically indicate the section of temporary works that it is applicable to.

Note: It may occur that the temporary works design will only be required and available at a later stage of construction. If this is the case the temporary works design should be provided to the client at least 10 days prior to use.

All temporary works operations must be conducted under the supervision of a competent person. The following must be provided in the Health and Safety Plan:

- Appointment letter of operations competent person.
- Proof of competence of operations competent person.
- Proof of competence of persons dismantling, erecting or moving temporary works.

The procedure / permit system implemented to authorize the pouring of concrete by the operations competent person must be provided in the health and safety plan.

This procedure should address the pouring of concrete at specific locations / sections and not as a general authorization.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 21 of 36

The procedure shall also contain roles and responsibilities of temporary works designer, temporary works operations competent person and construction manager.

18. EXCAVATIONS (CR 13)

All excavations must be conducted under supervision of a competent person.

An excavation safe work procedure must be included in the health and safety plan.

The Agent has the right to call in the services of a geo-technical engineer to make an assessment on the stability and / or safety of any excavation should a dispute arise as to the safety of any excavation. This service will be paid for by the Contractor.

Excavation work must be planned in such a manner that the excavation of trenches should not out-run the laying of pipes and the backfilling of excavations. Actual distances should be confirmed with the Agent and engineer.

Work must be planned in such a manner as to ensure that the minimum number of trenches are left open after hours or during weekends.

No trenches in which water has accumulated may be left open.

19. DEMOLITION WORK (CR 14)

All demolitions must be conducted under supervision of the Demolition Supervisor.

A detailed structural engineering survey is to be conducted prior to any demolition by a competent person.

A demolition safe work procedure based on the engineering survey must be provided in the health and safety plan.

20. TUNNELLING (CR 15)

A detailed safe work procedure must be provided for any intended tunneling.

21. SCAFFOLDING (CR 16)

- A Scaffold Supervisor must be appointed in writing.
- The Scaffold Supervisor 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.
- Access scaffolding must comply with the safety standards incorporated for this purpose into these Regulations under section 44 of the Act.
- A safe work procedure detailing all scaffolding activities must be provided.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 22 of 36

22. SUSPENDED PLATFORMS (CR 17)

A Suspended Platform Supervisor person must be appointed in writing.

The use of suspended platforms must be provided in detail.

The design criteria of the suspended platform must be provided.

A certificate of design, issued by a professional engineer, certificated engineer or professional technologist must be provided.

An operational compliance plan, compiled by the appointed competent person, must be provided, and comply to the contents of Construction Regulation 17(2)(c).

Inspection, performance, and test records in terms of prescribed frequencies must be available.

23. ROPE ACCESS WORK (CR 18)

A Rope Access Work Supervisor must be appointed in writing.

The specific use and application of rope access work must be indicated in the health and safety plan.

The following must be provided in the Health and Safety Plan:

- A site-specific fall protection plan governing rope access work for the project
- The fall protection plan must be compiled in terms of relevant SANS codes of practice, and must address design, selection and use of all equipment and anchors.
- A site-specific rescue plan addressing all emergency situations.
- Relevant rope access license of competent person.
- Proof of competence of appointed competent person.
- Proof of training of all rope access workers.
- Proforma register to be implemented and maintained by the competent person for all rope access equipment.
- Authorization of owner of structure, where applicable.

24. MATERIAL HOIST (CR 19)

A Material Hoist Inspector who has the experience pertaining to the erection and maintenance of a material hoist must be appointed in writing.

Every material hoist and its tower must be constructed in accordance with the generally accepted technical standards and are strong enough and free from defects.

A notice, indicating the maximum mass load which may be carried at any one time and the prohibition of persons from riding on the platform of the material hoist, must be fixed around the base of the tower and at each landing.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 23 of 36

The operator of the Material Hoist must be competent in the operation of that hoist.

No contractor may require or permit any person to ride on a material hoist.

The material hoist must be inspected on a daily basis.

Inspection shall include the serviceability of the entire material hoist, including guides, ropes and their connections, drums, sheaves or pulleys and all safety devices.

Inspection results must be entered and signed in a record book which book must be kept on the premises for that purpose. Maintenance records in this regard must be kept on site.

25. BULK MIXING PLANT (CR 20)

A Bulk Mixing Plant Supervisor must be appointed in writing.

A Bulk Mixing Plant Operator must be appointed in writing.

A bulk mixing plant installation and operation safe work procedure must be provided.

The provisions of General Safety Regulations 5 - Confined Spaces - must be adhered to at all times.

26. EXPLOSIVE ACTUATED FASTENING DEVICES (CR 21)

The following must be provided in the Health and Safety Plan:

- A safe work procedure governing the use of explosive actuated fastening devices.
- Appointment letter of competent person for the issuing and collection of nails or studs.
- Proforma register to be implemented and maintained by the competent person for the issuing of nails or studs, as well as the return of spent and unspent cartridges.
- Proof of training of all users of explosive actuated fastening devices.

27. CRANES (DMR 18)

A Tower Crane Operator must be appointed in writing.

A risk assessment and safe work procedures relating to all tower crane erection, dismantling and operation must be provided.

Proof of competence and medical certificate of fitness of tower crane operators must be provided in the health and safety plan.

28. CONSTRUCTION VEHICLES AND MOBILE PLANT (CR 23)

All construction vehicles and mobile plant must be operated by a competent person who is appointed in writing to operate such a construction vehicle or mobile plant.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 24 of 36

All Operators must be in possession of medical certificate of fitness issued by an occupational health and safety practitioner (Form A of Annexure 3 of the Construction Regulations) to operate such construction vehicles or mobile plant.

Construction vehicles and mobile plant must be equipped with an acoustic warning device which can be activated by the operator and an automatic reversing alarm.

Construction vehicles and mobile plant must be inspected by the authorized operator or driver on a daily basis using a relevant checklist prior to use.

The findings of such inspection must be recorded in a register kept in the construction vehicle or mobile plant.

Every construction site must be organized in such a way that, as far as is reasonably practicable, pedestrians and vehicles can move safely and without risks of safety.

Traffic routes must be suitable for persons, construction vehicles or mobile plant using them, must be sufficient in number, in suitable positions and of sufficient size.

Every traffic route must be, where necessary, indicated by suitable signs.

All construction vehicles and mobile plant left unattended at night, adjacent to a public road in normal use or adjacent to construction areas where work is in progress, must have appropriate lights or reflectors, or barricades equipped with appropriate lights or reflectors, in order to identify the location of the vehicles or plant.

All construction vehicles or mobile plant must when not in use, have buckets, booms or similar appendages, fully lowered or blocked, controls in a neutral position, motors stopped, wheels chocked, brakes set and ignition secured.

Whenever visibility conditions warrant additional lighting, all mobile plant must be equipped with at least two headlights and two taillights when in operation.

Tools, material and equipment must be secured and separated by means of a physical barrier in order to prevent movement when transported in the same compartment with employees.

Vehicles used to transport employees must have seats firmly secured and adequate for the number of employees to be carried.

All construction vehicles or mobile plant traveling, working, or operating on public roads comply with the requirements of the National Road Traffic Act, 1996.

29. ELECTRICAL INSTALLATIONS AND MACHINERY ON CONSTRUCTION SITES (CR 24)

Compliance to the Electrical Installation Regulations and Electrical Machinery Regulations must be ensured at all times.

A certificate of compliance for all permanent and temporary electrical installations must be provided and kept on site.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 25 of 36

No work involving the use of electricity may be conducted without a valid certificate of compliance.

A competent person responsible for all temporary electrical installations must be appointed in writing.

All temporary electrical installations must be inspected weekly by a competent person and the findings recorded in a register.

All electrical machinery must be inspected by the authorized operator or user on a daily basis using a relevant checklist prior to use and the findings recorded in a register.

30. USE AND TEMPORARY STORAGE OF FLAMMABLE LIQUIDS ON CONSTRUCTION SITES (CR 25)

A contractor must in addition to compliance with Reg 25 of the Construction Regulations also comply with the provisions for the use and storage of flammable liquids in the General Safety Regulations, 2003.

Flammable liquids must be used, applied, or stored at the workplace concerned, in a manner that does not cause a fire or explosion hazard and that the workplace is effectively ventilated.

No person is allowed to smoke in any place in which flammable liquid is used or stored.

Suitable and conspicuous notice shall be affixed at all entrances to any such areas prohibiting smoking.

An adequate amount of efficient fire-fighting equipment shall be installed in suitable locations around the flammable liquids store with the recognized symbolic signs;

All containers holding flammable liquids must be kept tightly closed when not in actual use and, after their contents have been used up, shall be removed from the construction site and safely disposed of.

Where flammable liquids are decanted, the metal containers must be bonded and earthed.

No flammable material, including cotton waste, paper, cleaning rags or similar material shall be stored together with flammable liquids

31. WATER ENVIRONMENTS

A safe work procedure for work over or in close proximity of water must be provided.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 26 of 36

32. HOUSEKEEPING AND GENERAL SAFEGUARDING ON CONSTRUCTION SITES (CR 27)

A contractor must indicate in the health and safety plan, in addition to compliance with the Environmental Regulation for Workplaces, how the following would be implemented:

- Proper storage of materials and equipment
- The removal of scrap, waste and debris at appropriate intervals
- Ensuring that materials required for use don't obstruct access to and egress from workplaces.
- Material no longer required for use, are removed from site at appropriate intervals.
- If work is performed above a place where persons work or pass under, a catch platform or net is erected.

Access to the construction site must be cordoned off as much as possible in all work areas. All excavations are to be fenced / barricaded to prevent access by public/ pedestrians.

A site visitor's register is to be kept on site and steps are to be taken to ensure that all visitors sign the visitors' register before entering the site.

A sign should also be provided directing all visitors to report to the site office.

33. STACKING AND STORAGE ON CONSTRUCTION SITES (CR 28)

A contractor must indicate in the Health and Safety Plan how the following will be ensured:

- Provision of adequate, demarcated storage areas which are kept clean and under control.

34. FIRE PRECAUTIONS ON CONSTRUCTION SITES (CR 29)

All appropriate measures must be taken to avoid the risk of fire.

Suitable and sufficient fire extinguishing equipment must be placed at strategic locations and maintained in good working order.

The above equipment must be inspected by a competent person, appointed in writing, in the manner directed by the manufacturer.

Emergency escape routes must be kept clear at all times.

An evacuation plan must be provided.

35. CONSTRUCTION EMPLOYEES' FACILITIES

The requirements of facilities Regulations 2014 must be complied with.

The following must also be provided at or within reasonable access of the construction site:

- Showers at a ratio of 1 shower for every 15 employees per gender.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 27 of 36

- At least one sanitary facility for each gender for every 30 employees.
- Changing facilities for each gender.
- Sheltered eating areas.

36. REGISTERS

Examples of the registers listed below must be provided in the Health and Safety Plan.

All registers must be available at the site offices at all times for inspection by the Agent.

The list of registers to be kept is by no means exhaustive and the H&S Plan should list all the registers that are applicable and at what frequency they are going to be maintained.

ACTIVITY	FREQUENCY	FORMAT
Form Work/Support Work	Daily Prior to any shift	As per Annexure 1 of GAR
Excavation Work	Daily Prior to any shift After rainfall After blasting After unexpected fall of ground	
Scaffolding	Daily Prior to any shift After rainfall After blasting	
Material Hoist	Daily	
Batch Plant	Daily	
Explosive Powered Tools	Daily Before use	
Cranes(s) Logbook(s)	As per DMR 18	
Construction Vehicles and Mobile Plant	Daily	
Temporary Electrical Installations	Weekly	
Stacking and Storage	Weekly	
Ablution Facilities/Hygiene	Weekly	
Ladders	Weekly	
Incident Register in Terms of GAR 9	As required	
Fall Protection Equipment	Daily	
Portable Electrical Tools	Weekly	
Suspended Platforms	Daily	
Accommodation of Traffic	Daily	
Firefighting Equipment	Monthly	
Hand Tools	Weekly	

37. TRAINING

37.1 Induction Training

The principal contractor is responsible to provide a procedure in which induction training for the project is regulated and should also contain the contents of the

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 28 of 36

induction training.

Health and safety induction training must be provided to the following:

- Principal Contractor employees
- Contractor employees
- Visitors
- Engineering staff on site
- Consultants on site
- Suppliers to site

Attendance registers must be included as proof of training.

37.1.1 Training on risk assessments, safe work procedures

The principal contractor is responsible to provide a procedure in which training on risk assessments and safe work procedures for the project is regulated.

37.1.2 Job specific training

A training matrix for all training, including technical training not mentioned above is to be provided in the health and safety plan.

38. General Requirements

38.1 Personal Protective Equipment (PPE)

The procedures for issuing and control over PPE shall be indicated in the Health and Safety Plan, as well as the enforcement for the wearing thereof.

38.2 Hired Plant

The responsibility for the safety and use of all hired plant shall be that of the contractor.

38.3 Transport of Employees

Transport of employees shall be carried out in terms of the National Road ordinances. The Health and Safety Plan shall detail the arrangements and methods of the transportation of workers.

No employees may be transported in open LDV's.

38.4 Signs

The Principal Contractor shall indicate in his Health and Safety Plan the arrangements regarding the posting of danger signs e.g.

- Warning signs to be positioned next to an excavation within which or where persons are working or carrying out inspections or tests (Reg 13.2.i).
- Every traffic route is, where necessary, indicated by suitable signs (Reg 23.2.d).

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 29 of 36

- Symbolic signage at flammable liquid store (Reg 25.c).
- Firefighting equipment (Reg 25.c).
- The escape routes in the case of a fire (Reg 29.j).
- No smoking signage / notice shall be posted where flammable liquid is used or stored. (Reg 25.b).
- A suspended platform is fitted with a conspicuous notice easily understandable by all workers working with the suspended platform, showing the maximum mass load; the maximum number of persons; and the maximum total mass load, including load and persons, which the suspended platform can carry (Reg 17.7.c).
- A notice, indicating the maximum mass load which may be carried at any one time and the prohibition of persons from riding on the platform of the material hoist (Reg 19.5).
- A warning notice is displayed in the immediate vicinity wherever an explosive actuated fastening device is used (Reg 21.2.f).

38.5 Medical Certificates of Fitness

The principal contractor must ensure that all his employees, and those of the contractors, have a valid medical certificate of fitness, issued by an Occupational Health practitioner in the form of Annexure 3 (Construction Regulations).

38.6 Reporting of incidents

All first aid and medical treatment cases must be reported to the health and safety agent forthwith.

The Principal Contractor shall investigate all incidents and accidents and report to the Inspector and the Agent on incidents as stipulated in Section 24 of the Occupational Health and Safety Act.

The Principal Contractor shall report the accident to the Inspector within 7 days after the accident occurred, and a copy of the method of communication will be submitted to the Agent.

A record of all investigations shall be kept on the H&S File.

The contractor must provide monthly statistics on all first aid, medical treatment, and lost time incidents.

38.7 Material Safety Data Sheets

Material safety data sheets for all hazardous chemical substance must be provided under the following headings:

- Product and company identification.
- Composition/information on ingredients.
- Hazard identification.
- First aid measures.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 30 of 36

- e) Firefighting measures.
- f) Accidental release measures.
- g) Handling and storage.
- h) Exposure control and personal protection.
- i) Physical and chemical properties.
- j) Stability and reactivity.
- k) Toxicological information.
- l) Ecological information.
- m) Disposal considerations.
- n) Transport information.
- o) Regulatory information; and
- p) Other information.

38.8 Confined Spaces

Means an enclosed, restricted, or limited space in which, because of its construction, locations or contents, or any work activity carried out therein, a hazardous substance may accumulate, or an oxygen-deficient atmosphere may occur, and includes any chamber, tunnel, pipe, pit, sewer, container, valve, pump, sump, or similar construction, equipment machinery or object in which a dangerous liquid or dangerous concentration of gas, vapors, dust or fumes may be present.

A confined space competent person must be appointed in writing.

A **confined space entry permit** system and safe work procedure must be provided containing at least the following:

- Identification of confined space.
- Testing and evaluation of air quality.
- Frequency of air quality testing.
- Certification that the confined space is safe and will remain safe for the remainder of the work shift.
- Purging and ventilation requirements.
- Isolation and lock out of confined space from all pipes, ducts, and other communicating openings.
- The provision of breathing apparatus where applicable.
- The provision of safety harnesses or similar equipment.
- First aid and emergency evacuation procedures.

38.9 Piling

A piling competent person must be appointed in writing.

A safe work procedure detailing the piling activities must be provided in the health and safety plan.

38.10 Pipe Jacking

A pipe jacking competent person must be appointed in writing.

A safe work procedure detailing the pipe jacking activities must be provided in the health and safety plan.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 31 of 36

38.11 Traffic accommodation

A traffic safety officer must be appointed in writing.

A traffic management plan must be compiled and included in the health and safety plan.

39. HAZARDOUS CHEMICAL SUBSTANCE (including Asbestos and Lead)

In addition to the requirements in the HCS Regulations, the principal contractor must provide proof in the H&S Plan that:

- Material Safety Data Sheets (MSDS's) of the relevant materials/hazardous chemical substances are available prior to use by the contractor. Mention should be made how the principal contractor is going to act according to special/unique requirements made in the relevant MSDS's. All MSDS's shall be available for inspection by the Agent at all times.
- Risk assessments are done at least once every two years.
- Exposure monitoring is done according to OESSM and by an AIA and that the medical surveillance program is based on the outcomes of the exposure monitoring.
- How records are going to be kept safe for the stipulated period of 30 years.
- How the relevant HCS's are being/going to be controlled by referring to:
 - Limiting the amount of HCS
 - Limiting the number of exposed employees
 - Limiting the period of exposure
 - Substituting the HCS
 - Using engineering controls
 - Using appropriate written work procedures
- The correct PPE is being used.
- HCS are stored and transported according to SANS 072 and 0228.
- Training with regards to these regulations was given.
- The H&S plan should refer to the disposal of hazardous waste on classified sites and the location thereof (where applicable).

40. Asbestos

Should asbestos be identified as a hazard **whilst work is carried out**, the following must be included in the Health and Safety Plan:

- Notification to the Provincial Director in writing, prior to commencement of asbestos work.
- Proof of a structured medical surveillance program, drawn up by an occupational medicine practitioner.
- Proof that an occupational health practitioner carried out an initial health evaluation within 14 days after commencement of work.
- Copies of the results of all risk assessments, exposure monitoring and the written inventory of the location of the asbestos at the workplace.
- Only proof that medical surveillance has been conducted and not the actual records itself since these areas of a confidential nature.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 32 of 36

- How records are going to be kept safe for the stipulated period of 40 years.
- Proof that asbestos demolition (if applicable) is going to be done by a registered asbestos contractor and provide proof that a plan of work for such demolition is submitted to an Approved Asbestos Inspection Authority 30 days prior to commencement of the demolition.
- Provide proof that the plan of work was approved by the asbestos AIA and submitted to the provincial director 14 days prior to commencement of demolition work together with the approved standardized procedures for demolition work.
- Provide proof of training on the scope of the Asbestos Regulations regarding the following:
 - The contents of these regulations.
 - Potential risks to health.
 - Control measures to be implemented.
 - The correct use and maintenance of personal protective equipment.
 - The results of the risk assessment.
 - The correct PPE is used, and respirator zones are indicated.

41. Lead

Besides the requirements listed under par. 15, should lead be identified as a hazard at the workplace, the following must be included in the health and safety plan or as soon as its available:

- Proof that an occupational health practitioner carried out an initial health evaluation within 14 days after commencement of work.
- Copies of the results of all assessments, exposure monitoring and the written inventory of the location of the lead at the workplace.
- Only proof that medical surveillance has been conducted and not the actual records since these are of a confidential nature.
- How records are going to be kept safe for the stipulated period of 40 years.
- What information and training is to be provided to employees regarding the following:
 - The contents of these regulations.
 - Potential risks to health.
 - Control measures to be implemented.
 - The correct use and maintenance of personal protective equipment.
 - The results of the risk assessment.

42. Noise induced Hearing Loss

- Proof of training with regards to these regulations regarding the following:
 - The contents of these regulations.
 - Potential risks to health.
 - Control measures to be implemented.
 - The correct use and maintenance of personal protective equipment.
 - The results of the risk assessment.
- Risk assessment done within 1 month of commencement of work.
- That monitoring carried out by an AIA and done according to SANS 10083:2012
- Medical surveillance program established and maintained for the necessary employees.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 33 of 36

- Control of noise by referring to:
 - Engineering methods considered.
 - Admin control (number of employees exposed) considered.
 - Personal protective equipment considered/decided on.
- Describe how records are going to be kept for 40 years.

43. Lighting

Where poor or lack of illumination is identified as a hazard the lighting regulations must be complied with, and the following must be included in the H&S Plan:

- How lighting will be ensured/ provided where daylight is not sufficient and /or after hours are worked.
- Planned maintenance program for replacing luminaries.
- Proof of illumination levels of artificial illumination equipment.

44. HAZARDOUS BIOLOGICAL AGENTS (HBA)

As a result of the possible exposure of workers to raw sewage the H&S Plan shall include details of the following:

- The conducting of a Risk Assessment specifically aimed at exposure to HBA which shall include the following:
 - Nature and dose of HBA.
 - Where HBA may be present and in what physical form.
 - The nature of work or process.
 - Steps in the event of failure of control measures
 - The effect of the HB.
 - The period of exposure.
 - Control measures to be implemented.
- Monitoring of exposure of workers shall be conducted to establish whether any worker is infected with an HBA associated with working or being exposed to raw sewage, in terms of the following:
 - By an occupational medical practitioner
 - Before entering the site to establish the worker's baseline
 - During the period of the contract the risk assessment indicates possible exposure After completion of the contract
- Medical surveillance by an occupational health practitioner.
- Indication on how all records of assessment monitoring, etc. will be kept, considering that records have to be kept for a period of 40 years.
- How exposure to HBA is to be controlled
- The provision of sufficient personal protective equipment
- What information and training is to be provided to employees regarding the following:
 - The contents of these regulations.
 - Potential risks to health
 - Control measures to be implemented.
 - The correct use and maintenance of personal protective equipment
 - The results of the risk assessment.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 34 of 36

45. Welding, flame cutting, soldering and similar operations.

The contractor shall ensure that all welding, flame cutting, soldering or similar operations are managed by a hot work permit system.

The hot work permit procedure must be provided in your H&S Plan - refer General Safety Regulations.

46. Radiation

All activities where there is a risk of exposure to radiation must comply to the provisions of the Hazardous Substances Act.

These activities must also be managed by a comprehensive risk assessment and safe work procedure.

47. DISASTER MANAGEMENT (PANDEMIC) RESPONSE PLAN

Every contractor must indicate in their Health & Safety plan through a Disaster Management Response Plan their commitment in the fight to stop the spreading of any Viral or bacterial Outbreak (Coronavirus, Monkeypox, etc.) or any similar Hazardous Biological Agent.

The response plan must reflect the following:

- The Appointment of a Disaster Management Response Compliance Officer.
- The responsibilities of the Disaster Management Response Compliance Officer
- Workplace Preparedness Guideline
- Contractors Startup and Contingency Plan following the National Lockdown.
- Cleaning and disinfecting of all work areas.
- Training of all personnel in the Disaster Management Act Disaster Management Response Regulations.
- Processes/Procedures in identifying people that have or may have contracted the virus and or any associated illness.
- Medical surveillance program to monitor employees that have contracted the virus and or any associated illness.
- Contact tracing procedures for visitors and employees.
- Revision of Safe Work Procedures to include social distancing.
- Revision of Method Statements
- Revision of Risk Assessments to include possible exposure.
- Toolbox Talks to include important information on Disaster Management.
- PPE issuing, training in correct usage and control.
- Disaster Management inclusion in Site Induction Program.
- Disaster Management Awareness Programs
- Hygiene Procedures
- Social Distancing and enforcement protocols in all general or common areas.
- Display how all meetings will be conducted (site meetings, progress meetings and OHS meetings)
- Revision of current policies and procedures to include for any type of Disaster.

Project Number	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page
Project Name	New Development Additions & Alterations To Kuruman Taxi and Bus Rank Project	Page 35 of 36

- Developing of new policies and procedures to aid in the following aspects:
 - Hygiene Protocols at Work
 - Social Distancing
 - Dealing with Disasters
 - Identifying and Protecting of Vulnerable Employees
 - Resumption of Work Following Positive Cases
 - Medical Surveillance of Positive Employees
 - Transporting of Employees (Public and Company provided Transport)

48. APPROVAL AND SIGNATORY

This Occupational Health and Safety Specification is hereby approved for distribution to all appointed Principal Contractors on the Project.

Every Principal Contractor shall comply fully to the minimum standards as indicated in this specification.

Non-adherence can lead to the immediate cancellation of their contract.

Client Agent	
Name and Surname	
Signature	
Date	
Client Representative	
Director	
Signature	
Date	