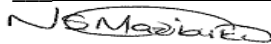
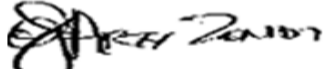


ETHEKWINI MUNICIPALITY
Occupational Health & Safety Unit



**Site Specific Health and Safety Specification in
terms of 2014 Construction Regulations 5.1(b)**

| | |
|---------------------------------------|--|
| Document Title | Site Specific Health and Safety Specification |
| Client | EThekweni Municipality - : Coastal Stormwater and Catchment Management Services |
| Project Name | Stream Protection Works near Isiphingo Grove Umlazi U, Ward 86 |
| Contract Number | 1D-34203 |
| Compiled by (Safety Officer) | Name and Surname: <u>Ntombifuthi Mazibuko</u> Signature: <u></u> Date: <u>03.11.2025</u> |
| Approved by (Safety and Risk Manager) | Name and Surname: <u>Arty Zondi</u> Signature: <u></u> Date: <u>03.11.2025</u> |
| Reference Number | SSHSS :460/11/25 |

PROJECT LOCALITY

Stream Protection Works near Isiphingo Grove Umlazi U, Ward 86



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1. DEFINITIONS

For the purpose of this Construction Health and Safety Specification, all definitions in the Occupational Health and Safety Act and Regulations, the abbreviations and the definitions given hereunder shall apply; where definitions may overlap, the most onerous requirement shall apply:

| Acronym or Definition | Meaning |
|--------------------------------|--|
| Agent | Refer to the Agent appointed by the Client to act on its behalf, and who is appointed in writing |
| CHSS | Refers to this document as the Construction Health and Safety Specification |
| Client | Refers to eThekweni Municipality |
| COIDA | Means Compensation for Occupational Injuries and Diseases Act 130 of 1993 |
| Construction Site | Means the premises and grounds where construction work is being performed |
| Principal Contractor | Means an employer appointed by the Client to perform construction works |
| CR | Refers to the Construction Regulations of 2014 |
| DSTI | Refer to a documented daily safe task instruction compiled and issued by a contractor and trained to all relevant employees |
| H&S | Refers to Health and Safety |
| Medical Certificate of Fitness | Means a valid medical certificate of fitness issued by an occupational medicine practitioner, such medical testing shall be relevant to the risks of the construction work on the construction site and shall conform to the Occupational Health and Safety Act and Regulations and to the requirement of this Health and Safety Specification |
| Method Statement | Refer to a document detailing the key activities to be performed in order to reduce as reasonably as practicable the hazards identified in the Risk Assessment |
| OHSA | Refer to the Occupational Health and Safety Act |
| Regulations | Refer to the Regulations stipulated in the OHSA |
| S | Refer to a section in the OHSA |
| SACPCMP | Means the South African Council for the Project and Construction Management Professions |
| Sub-Contractor | Means an employer appointed by the Principal Contractor |

2. PROJECT DESCRIPTION

Description of Works:

Stream Protection Works near Isiphingo Grove Umlazi U, Ward 86

Scope of works:

- Traffic control and diversion
- Construction of a site access route
- Stream diversion
- Stream and site clearance inclusive of the handling of boulders
- Excavation for concrete retaining structure foundation, gabion boxes and gabion mattresses
- Trimming of embankments and provision for lateral support system
- Construction of artificial foundation base of dump rock and 75 mm blinding layer
- Erect formwork for cast in situ concrete retaining structure foundation
- Provision of reinforcement for concrete retaining structure foundation and casting of concrete retaining structure foundation
- Allow for concrete curing and strip formwork after curing
- Provision of reinforcement for concrete retaining structure wall and casting of concrete retaining structure wall
- Provision of erosion protection works, and gabion protection works
- Backfilling and compacting concrete retaining structure with suitable material
- Reinstatement of roadworks
- Redirect stream to original stream channel
- Redirect traffic to normal route
- Backfilling with suitable material from an offsite source
- Reinstatement ground surface onsite
- Reinstatement site access route to the original state

3. LIMITATIONS OF LIABILITY

The Principal Contractor shall enter into a Mandatory Agreement with the Client, as defined in Section 37(2) of the Occupational Health and Safety Act.

The Principal Contractor shall ensure that each contractor appointed by the Principal Contractor and each sub-contractor appointed by a contractor also into a Mandatory Agreement with the Principal Contractor, as defined in Section 37(2) of the Occupational Health and Safety Act. These agreements shall be included in the Principal Contractor's H&S File on site and be valid for the duration of the contractors' work on the construction site.

4. PURPOSE OF THE CONSTRUCTION H&S SPECIFICATION

This document defines the minimum management requirement that is to be implemented by the Principal Contractor/Contractor for the management of Health and Safety on any eThekweni Municipality project.

The aim of this document is to present the health and safety aspects that need to be controlled and managed on the project.

This Health and Safety specification identifies and encompasses the working behaviours and safe work practices that are expected of all employees, Vendors and Contractors, Sub-Contractors and Visitors, engaged on construction site.

Providing a guideline to comply with best Health & Safety practices and the Occupational Health and Safety Act 85/1993 as amended, including reference to applicable legislative requirement.

5. PROJECT HEALTH AND SAFETY COST

The Client must ensure that potential Principal Contractor submitting tenders have made adequate provision for the cost of health and safety measures.

The Principal Contractor shall allow in their cost provision for complying with the requirements of this CHSS; resources for the following H&S controls shall be in place.

| | H&S cost item | Description |
|----|------------------------------------|--|
| 1. | Construction Safety Officer. | Construction safety officer is required to ensure that the health and safety plan is implemented on site. |
| 2. | Medical certificate of fitness. | Medical examination of all employees and certification of fitness by an Occupational Medicine Practitioner |
| 3. | Personal Protective Equipment. | PPE to be provided as per risk exposure, including but not limited to : respiratory, adapted hearing protection, adapted hand protection, adapted eye and head protection. |
| 4. | Public protection and barricading. | To reduce risk exposure to the employees and members of the public. |
| 5. | Training and competency. | Occupational Health and Safety Training in accordance with the skills matrix included in the approved H&S Plan. |
| 6. | Dust mitigation. | To reduce dust exposure to the employees and the public |
| 7. | Employee facilities. | Refer to the Facilities Regulations (drinking water, change facility, personal lockers, and wash facilities, eating facilities. |
| 8. | First Aiders. | Standard first aid training. |
| 9. | Other. | Items not indicated in the Specification |

6. SCOPE OF WORK

Stream Protection Works near Isiphingo Grove Umlazi U, Ward 86.

Scope of works:

- Traffic control and diversion
- Construction of a site access route
- Stream diversion
- Stream and site clearance inclusive of the handling of boulders
- Excavation for concrete retaining structure foundation, gabion boxes and gabion mattresses
- Trimming of embankments and provision for lateral support system
- Construction of artificial foundation base of dump rock and 75 mm blinding layer
- Erect formwork for cast in situ concrete retaining structure foundation
- Provision of reinforcement for concrete retaining structure foundation and casting of concrete retaining structure foundation
- Allow for concrete curing and strip formwork after curing
- Provision of reinforcement for concrete retaining structure wall and casting of concrete retaining structure wall
- Provision of erosion protection works, and gabion protection works
- Backfilling and compacting concrete retaining structure with suitable material
- Reinstatement of roadworks
- Redirect stream to original stream channel
- Redirect traffic to normal route
- Backfilling with suitable material from an offsite source
- Reinstatement ground surface onsite
- Reinstatement site access route to the original state

7. COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT

The Principal Contractor, each contractor and each sub-contractor shall submit proof of Good Standing with COIDA Commissioner or a Mutual Association licensed in terms of Section 30 of COIDA, prior to starting any work on site.

A copy of the Letter of Good Standing with COIDA Commissioner must be included in the H&S Plan of each contractor working on the site and must remain updated for the duration of the construction work.

8. APPLICATION FOR CONSTRUCTION WORK PERMIT

The Principal Contractor shall assist the Client in compiling the evidence required by the Department of Labor for the issuing of the Construction Work Permit.

The Principal Contractor shall ensure that the H&S Plan presented for approvals includes:

- Evidence that the Principal Contractor made adequate provision for the cost of H&S measures

- Evidence that the Principal Contractor has the necessary competencies and resources to carry out the construction work safely.
- A copy of the Letter of appointment of the Construction Manager in terms of CR 8(1) + proof of his qualification, competence and registration where applicable.
- Proof of the registration of the Principal Contractors safety officer with the SACPCMP.

The Principal Contractor shall display the work permit number at the main site entrance. This display must be conspicuous to the satisfaction of the Department of Labor. The permit must be noticeable.

The construction works can only commence once the construction work permit is issued by the Department of Labor.

9. NOTIFICATION OF CONSTRUCTION WORK

The Principal Contractor must at least 7 days before that work is to be carried out notify the provincial director in writing in a form similar to Annexure 2 if the intended construction work will—

Include excavation work;

Include working at a height where there is risk of falling;

Include the demolition of a structure; or

Include the use of explosives to perform construction work.

A contractor who intends to carry out construction work that involves construction of a single storey dwelling for a client who is going to reside in such dwelling upon completion, must at least 7 days before that work is to be carried out notify the provincial director in writing in a form similar to Annexure 2

10. MANAGEMENT AND SUPERVISION OF CONSTRUCTION WORK

10.1 Construction Manager

The Principal Contractor shall appoint a full time competent person as the construction manager with the duty of managing all construction on the site including the duty of ensuring occupational health and safety compliance.

The Construction Manager must demonstrate competency in relation to work being performed and the ability to manage construction work which may include making all statutory appointments in terms of health and safety.

10.2. Construction Safety Officer

The Principal Contractor shall appoint a competent Construction Safety Officer for the construction work. The Construction Safety Officer shall be full/part time on the construction site for this project.

The Safety Officer shall be registered with the South African Council for the Projects and Construction Management Professions. Proof of competence and registration of the appointed Construction Safety Officer must be included in the H&S Plan.

10.3. Construction Supervisor

A Construction Manager must in writing appoint construction supervisors responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

A contractor must, upon having considered the size of the project, in writing appoint one or more competent employees for different sections thereof to assist the construction supervisor contemplated in subregulation (7), and every such employee has, to the extent clearly defined by the contractor in the letter of appointment, the same duties as the construction supervisor: Provided that the designation of any such employee does not relieve the construction supervisor of any personal accountability for failing in his or her supervisory duties in terms of this regulation.

11. PRINCIPAL CONTRACTOR'S HEALTH AND SAFETY PLAN

The Principal Contractor shall submit a suitable, sufficiently documented and coherent specific health and safety plan based on the Client documented Health and Safety Specification. The health and safety plan shall include but not limited to the following

- Introduction.
- Project Details.
- Full Description of the works.
- Objectives and Targets for the Project.
- Implementation of the Client Health and Safety Specification.
- Monitoring and review plan.
- Management of construction and supervision.
- Compensation of Occupational Injuries and Diseases Act 130 of 1993 (COIDA).
- Notification of construction work.
- Sub-Contractor and Supplier Management.
- Hazard Identification, Risk Assessment & Risk Control.
- Written Safe Working Procedures.
- Excavation method statements.
- Incident Management & First Aid.
- Emergency Evacuation Plan/Procedures.
- Fire Prevention & Protection.
- Public Safety.
- PPE Provision and Maintenance.
- Health & Safety Signage.
- Construction Vehicles and Mobile Plants.
- Hand & Electrical Tool Management.
- Construction Employees Facilities.
- Health & Safety Policies.
- Health and Safety Training & Competencies.

- Housekeeping.
- Hazardous Chemicals.
- Site Barricading.
- Traffic Accommodation.
- Induction.
- Medicals Certificates of Fitness.
- Site Security.
- Stacking and Storage.
- Heat stress.
- Transportation of Employees.
- Internal and external Audit.
- Inspection Registers.
- Toolbox Talks.

12. HAZARD IDENTIFICATION AND RISK ASSESSMENT

The Principal Contractor shall before commencement of any construction and during such construction works have risk assessments performed by appointed competent person in writing which forms part of the health and safety plan to be applied.

The provisions of Regulation 9 of the Construction Regulations shall be followed in every detail.

13. HEALTH AND SAFETY FILE

The Client must discuss and negotiate with a Principal Contractor the content of the Health and Safety Plan and thereafter finally approve the Health and Safety plan for implementation. The recommended Health and Safety file shall include the following:

- Notification of Construction Work
- Client Health & Safety Specification
- SHE Policy
- Principal Contractor Health & Safety Plan
- Updated letter of good standing with Commissioner
- Section 37.2 Mandatory Agreement
- Contractor appointment letter in terms of CR 5.1(k)
- Organogram as per appointments
- Legal appointment letters and competencies (Construction Manager, Construction Supervisor, Construction Safety Officer, Risk assessor, Incident Investigator and Electrical installation installer) etc.
- Risk Assessments as per scope of work
- Written Safe Working Procedures as per scope of work
- Applicable Inspection Registers
- Incident/Accident Management
- Award letter from SCM
- Latest copy of OHS Act and other relevant regulations
- Environmental Management Plan Procedures (Dumpsite, Water provision, Ablution, Waste management, Concrete works, Refueling and spillage management, hazardous chemicals storage and disposal, Environmental awareness training, Protection of heritage, site demarcation etc)
- Health and Safety Induction programme
- Site Emergency Evacuation Plan
- Key Personnel contact numbers

- Site Safety Rules
- Medical Records – Medical Fitness Certificate
- Tool Box Talks Programme
- Material Safety Data Sheets
- First Aid box and competent first aider
- Traffic management plan

14. CLOSE-OUT CONSOLIDATED HEALTH AND SAFETY FILE

The Principal Contractor shall compile a consolidated H&S file and hand over to the Business Unit, OHS Unit will conduct a project close out using the appropriate checklist before the completion of the project.

15. INDUCTION AND HEALTH AND SAFETY AWARENESS

The Principal Contractor shall ensure that all employees have gone through the induction training before commencing duties on site.

The Principal Contractor must ensure that all visitors to the construction undergo health and safety induction pertaining hazards prevalent on the site and ensure that visitors have appropriate PPE. The Principal Contractor must at all times on his or her construction site keep records of health and safety induction training.

15.1 Health and Safety Training

The Principal Contractor shall ensure that employees are trained on health and safety measures this shall include but not limited to:

- Written Safe Working Procedures
- Risk Assessments
- Health and Safety Plan and other policies
- Emergency Management Plan
- Incident management procedures
- Environmental management procedures
- Induction
- Toolbox Talks
- MSDS
- Traffic management plan

16. INCIDENTS MANAGEMENT & FIRST AID

All incidents and accidents as per Section of the Act must be reported, recorded and investigated as per General Administration Regulation 8 & 9

Where a fatality or permanent disabling injury or incident occurs on the Construction site, the Client must ensure that the Principal Contractor provides the Provincial Director with a report contemplated in Section 24 of the Act and the report includes the measures that the Principal Contractor intends to implement to ensure a safe construction site.

17. HEALTH AND SAFETY AUDITS

The Client must ensure that periodic health and safety audits are conducted at intervals mutually agreed upon between the Principal Contractor and the Client at least every 30 days, the copy of the health and safety audit report must be provided to the Principal Contractor within seven days after the audit.

18. FIRE PRECAUTIONS ON CONSTRUCTION SITE

The Principal Contractor shall provide suitable fire extinguishers which shall be serviced regularly in accordance with the manufactures recommendations.

Safety signage shall be prominently displayed in all areas where fire extinguishers are located. The Principal Contractor shall arrange for training of the relevant personnel, in the use of fire extinguishers.

The provisions of Regulation 29 of the Construction Regulations as well as Regulation 9 of Environmental Regulation for Workplaces shall be followed in every detail.

19. ELECTRICAL INSTALLATIONS AND MACHINERY ON CONSTRUCTION SITE.

The Principal Contractor shall designate a competent electrician in writing who shall control all electrical installations.

All temporary electrical installations used by the contractor are inspected at least once a week by a competent person and the inspection findings are recorded in a register kept on the construction site.

All Electrical machinery is inspected by the authorized operator or user on daily basis using a relevant checklist prior to use and the inspection findings are recorded in a register kept on the construction site.

The provisions of Regulation 5, 6 & 9 of the Electrical Installation Regulations shall be followed in every detail.

20. PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

The Principal Contractor shall ensure that every employee is issued with, and wears SANS-approved P.P.E. as per the conducted risk assessment.

Failure to use protective equipment as per the risk assessment shall require disciplinary intervention and this process shall be documented in the induction.

No employer shall in respect of anything which he is in terms of this Act required to provide or to do in the interest of health or safety of an employee make any deductions from any employee's remuneration or require or permit any employee to make any payment to him or to any other person.

The provisions of Regulation 2 of the General Safety Regulations shall be followed in every detail.

21. OCCUPATIONAL HEALTH ANDSAFETY SIGNAGE

The Principal Contractor shall erect and maintain quality safety signage

The signage shall include but is not limited to:

- Access restrictions
- A sign indicating that all visitors must report to the site office and must be accompanied by the Principal Contractor when accessing the site
- The name and telephone number of the responsible person(s)
- Emergency telephone number(s)
- PPE to be worn at the particular site
- When falling objects may occur, relevant barricading and warning signs must be erected
- Excavations, heights structures, temporary structures and all risk areas must be indicated as per the specific methods defined in the H&S Plan.

22. DUTIES OF PRINCIPAL CONTRACTORS AND CONTRACTORS

Contractors and sub-contractors must be given a copy of the H&S specification and any additional specification issued by the Client and shall comply with these specifications integrally. All employers working on the site shall conform to the standard in the CHSS. All the duties of the Principal Contractor in this CHSS equally apply, in full, to contractors of such Principal Contractor and to sub-contractors of such contractors.

The Principal Contractor shall ensure that the comprehensive and updated list of all the contractors and sub-contractors on site includes:

- A reference to the agreements between the parties, including all contractors Section 37(2) agreements with the Principal Contractor
- The type of work being done
- The date of the approval of the H&S Plan
- The date of expiry of the COIDA certificate of good standing
- The date of the last monthly audit.

The provisions of Regulation 7 of the Construction Regulations shall be followed in every detail.

23. EXCAVATION WORK

- The Principal Contractor must ensure that all excavation work is carried out under the supervision of a competent person who has been appointed in writing for that purpose.
- The Principal Contractor shall take cognisance of the geotechnical study pertaining to the conditions of the construction site and must plan all excavation work in accordance with the recommendations of the professional engineer.
- The Principal Contractor must ensure that every excavation, including all bracing and shoring, is inspected daily, prior to the commencement of each shift and that no person enters the excavation or works in a risk zone until the excavation is assessed and declared safe.
- All excavations must be left open for the minimum of time required and those that are left open on the site must be protected by a barrier or a fence of at least one meter in height as close to the excavation as is practicable. The protective barrier or fence must

adequately prevent persons from falling into the excavation and barrier taping is not sufficient for this purpose

- Excavation shoring and bracing, if required shall be designed by a designer appointed in writing who shall inspect and approve the installed shoring and bracing
- Where persons work, inspect or test excavations, warning signs must be in place next to an excavation

The provisions of Regulation 13 of the Construction Regulations shall be followed in every detail.

24. PUBLIC HEALTH AND SAFETY

The site shall at all times be secured to prevent the unauthorized access of persons to construction risk areas.

Appropriate health and safety signage shall be posted and access control to site must be exercised via a single access point.

All members entering the site must indicate in what capacity they are visiting the site.

The access point must be designed and constructed to allow for temporary parking, entry of construction vehicles, entry of personnel transport vehicles and entry of individual workers and other persons.

The principal Contractor shall ensure that each person visiting the site shall be inducted to the site and such abridged induction shall outline the hazards from on-site activities and the precautions to be observed to avoid or minimize those risks

Visitors must only enter when accompanied by a responsible person designated by the Principal Contractor.

25. CONSTRUCTION EMPLOYEES FACILITIES

The Principal Contractor shall provide at or within reasonable access of every construction site, the following clean, hygienic and maintained facilities:

- (a) Shower facilities after consultation with the employees or employees representatives, or at least one shower facility for every 15 persons;
- (b) at least one sanitary facility for each sex and for every 30 workers;
- (c) changing facilities for each sex; and
- (d) sheltered eating areas.

The provisions of Regulation 2, 3, 4, 6, 7, 9 of the Facilities Regulations shall be followed in every detail.

26. STORAGE AND USE OF FLAMMABLE LIQUIDS

No flammable substances must be stored on site unless these are stored in a flammable store or cabinet approved by the Municipal Chief Fire Officer, no other materials shall be stored in the flammable store or cabinet

Where required the H&S Plan shall include a method statement detailing the safe use, storage, decanting and spill controls for all flammable liquids used and stored on site.

The provisions of Regulation 25 of the Construction Regulations shall be followed in every detail.

27. HAZARDOUS CHEMICAL SUBSTANCE

With respect to hazardous chemical substances used, the contractor shall ensure that:

- All MSDS are included in the H&S File
- A HCS risk assessment is included in the H&S Plan
- The safe use, storage, emergency procedures and safe disposal of hazardous substances are addressed in a method statement(s) included in the H&S Plan.
- Proof of competency and signed letters of appointment of the person responsible for chemical handling is included in the H&S File.

Any hazardous chemical substance intended to be applied on site during the project (i.e. after approval of the H&S Plan) shall be subject to an issue-based risk assessment and method statement which must be presented to the Client Agent prior to the substance being introduced on site.

The provisions of Regulation 3, 5, 7, 8, 9, 9A, 10, 11, 14, 15 of the Hazardous Chemical Substances Regulations shall be followed in every detail.

28. HOUSEKEEPING AND GENERAL SAFE GUARDING ON CONSTRUCTION SITE

The Principal Contractor shall appoint a person responsible for general housekeeping and stacking and storage of materials and equipment on the entire site.

The provisions of Regulation 27 of the Construction Regulations shall be followed in every detail.

29. CONSTRUCTION MEDICALS

A Principal Contractor must 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.

30. STACKING AND STORAGE ON CONSTRUCTION SITE

A Principal Contractor must, in addition to compliance with the provisions for the stacking of articles in the General Safety Regulations, 2003, ensure that—

A competent person is appointed in writing with the duty of supervising all stacking and storage on a construction site;

Adequate storage areas are provided;

There are demarcated storage areas; and storage areas are kept neat and under control.

31. INDUCTION AND TOOLBOX PROGRAMME

No contractor may allow or permit any employee or person to enter any site, unless that employee or person has undergone health and safety induction training pertaining to the hazards prevalent on the site at the time of entry.

A contractor must ensure that all visitors to a construction site undergo health and safety induction pertaining to the hazards prevalent on the site and must ensure that such visitors have the necessary personal protective equipment.

A contractor must at all times keep on his or her construction site records of the health and safety induction training contemplated in subregulation (6) and such records must be made available on request to an inspector, the client, the client's agent or the principal contractor;.

The Principal Contractor must ensure that the toolbox talks are conducted on weekly basis and the training records kept on the safety file

32. CONTINGENCY/EMERGENCY PLAN, PROCEDURE AND CONTACT NUMBERS

Principal Contractor shall prepare an emergency procedure which will address any emergency situation that is likely to occur on a project site.

The Emergency Preparedness Plan deals with the emergency situation as fast and efficiently as possible, to minimise loss of life, the protection of property and the maintenance of services necessary for the wellbeing of employees. The plan shall include valid local emergency contact numbers and must be easily accessible.

33. TRAFFIC MANAGEMENT PLAN.

PRIMARY RESPONSIBILITIES

PRINCIPAL CONTRACTOR

The following are the Principal Contractor's primary responsibilities for traffic accommodation

- Develop a traffic accommodation strategy and submit it for evaluation prior to commencement of work.
- This will be sent to the client for approval
- Included to the traffic management strategy must be drawings of how traffic will be managed
- Implement traffic accommodation measures in accordance with the traffic accommodation strategy.
- Ensure that all sub-contractors comply with the traffic accommodation strategy.
- Monitor the work zone to ensure that the traffic accommodation strategy is effective for both day and night time conditions during period of construction.
- Maintain all traffic control devices.
- Modify the traffic accommodation strategy if necessary. Take appropriate and timely action to correct any deficiencies by the contractor, in case of imminent danger, corrective action must immediate.
- All Traffic accommodation contractors shall have at least one First aider (Level 1) for each section of work.
- If the traffic Safety Officer have got the necessary first aid competency it will be accepted.
- It is also a recommendation and good practice that a Fire fighter be appointed for the site.
- Report all third party vehicle accidents immediately to the Client. Provide a copy of the completed accident report within 48 hours of the occurrence.

- On construction projects, submit completed daily reports of the traffic accommodation details (location, date, time, signs, barricades) on weekly basis.
- On construction projects attend meetings to address any concerns regarding the performance of the traffic accommodation strategy.
- Provide a knowledgeable individual at the work zone to maintain the traffic control devices and address any traffic accommodation issues which arises, the contractor must identify the individual at the pre-construction meeting.
- All traffic controllers must have the necessary competency to be able to control traffic.

34. Public Health and Safety

- The site shall at all times be secured to prevent the unauthorized access of persons to construction risk areas.
- Appropriate health and safety signage shall be posted and access control to site must be exercised via a single access point.
- All members entering the site must indicate in what capacity they are visiting the site.
- The access point must be designed and constructed to allow for temporary parking, entry of construction vehicles, entry of personnel transport vehicles and entry of individual workers and other persons.
- The principal Contractor shall ensure that each person visiting the site shall be inducted to the site and such abridged induction shall outline the hazards from on-site activities and the precautions to be observed to avoid or minimize those risks
- Visitors must only enter when accompanied by a responsible person designated by the Principal Contractor.

35. Night Work and Weekend Work

- No night or weekend work shall be performed unless authorized by the Principal Agent or Lead Engineers
- Where week end work is planned the Principal Contractor shall ensure that its construction supervisor is on site, this applies even if only contractors or sub-contractors are working on the site
- Where week end work is planned each contractor or sub-contractor shall ensure that its construction supervisor is on site, this applies even if the Principal Contractor's manager or supervisor is on the site.

36. CRANES AND LIFTING OPERATIONS

The Principal Contractor must ensure the cranes used are:

Are designed and erected under the supervision of a competent person;

A relevant risk assessment and method statement are developed and applied; The effects of wind forces on the crane are taken into consideration and that a wind speed device is fitted that provides the operator with an audible warning when the wind speed exceeds the design engineer's specification; The bases for tracks for rail-mounted tower cranes are firm, level and secured; The tower crane operators are competent to carry out the work safely; and The tower crane operators have a medical certificate of fitness to work in such an environment, issued by an occupational health practitioner in the form of Annexure 3

37. STRUCTURES

A contractor must ensure that all reasonably practicable steps are taken to prevent the uncontrolled collapse of any new or existing structure or any part thereof, which may become unstable or is in a temporary state of weakness or instability due to the carrying out of construction work; No structure or part of a structure is loaded in a manner which would render it unsafe; All drawings pertaining to the design of the relevant structure are kept on site and are available on request to an inspector, other contractors, the client and the client's agent or employee.

N.B: For more information please do not hesitate to contact Futhi Mazibuko on 081 335 4185 or 031 322 2842 or email futhi.mazibuko@durban.gov.za

ANNEXURE 3

OCCUPATIONAL HEALTH AND SAFETY ACT, 85 of 1993

Construction Regulations. 2014

Medical Certificate of Fitness

Name of Employee ID Number Co Number

| | *Possible Exposure | | | | | | | | | | | | | | | | * Job specific Requirement | | | | | | | | | | * Protective Equipment | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | e.g. noise, heat, fall, risk, confined space, etc. | | | | | | | | | | | | | | | | e.g. Operating Mobile Crane, Digging Trenches, Erecting formwork & Support work, etc. | | | | | | | | | | e.g. Dust respirator(Light Duty) Welding Gloves, etc. | | | | |
| *Occupation e.g. General worker , Welder, Bricklayer, Steel fixer, Mobile Crane, Operator, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*** The employer to complete the information in the spaces marked with an before sending the employee for a medical examination**

Declaration by the Medical Examiner:
 I certify that I have, by examination and testing, using the above criteria specified by the employer, satisfied myself that the abovementioned employee is fit to perform the duties by the employer in the matrix above.
 Occupational Medicine Practitioner/ Occupational Health Nursing Practitioner: (Please Print Name).....

Signature Practice Number Date

Address