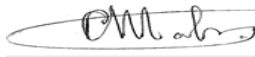
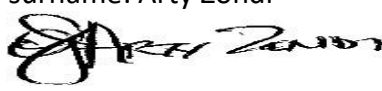




## ETHEKWINI MUNICIPALITY Occupational Health & Safety Unit

### SITE BASED BASELINE RISK ASSESSMENT

#### Construction Regulations 5.1(a)

Document Title	Baseline Risk Assessment
Client	EThekwini Municipality–Development Engineering South.
Project title	The Construction of Illovo Dangerous Goods Heavy Vehicle Inspection Facility (Ward 109).
Contract Number	3V-29012.
Revision	00
Date	03/04/2024
Internal Reference no.	BRA 258/04/2024
Compiled by (Safety officer)	Name and surname: Phumlani Mabaso Signature:  Date: 03/04/2024
Reviewed by (Manager: Safety & Risk)	Name and surname: Arty Zondi Signature:  Date: 03/04/2024

## **BASELINE RISK ASSESSMENT**

**1. INTRODUCTION:** In accordance with the Occupational Health and Safety Act, (Act 85 of 1993) the Legislator places specific requirements on an Employer. One of these is prescribed in Section 8(i) of the Act where it requires the Employer to ascertain the risks and dangers which may occur within the workplace or section of the workplace and then goes on to establish working procedures or practices.

**2. PURPOSE:** This is conducted to create a benchmark of the potential risks that apply to the whole project or business operation.

**3. SCOPE:** This assessment could be approached on a site, regional or national level concerning any facet of the business operation or process or activity.

### **4. REVIEW AND MONITORING PLAN**

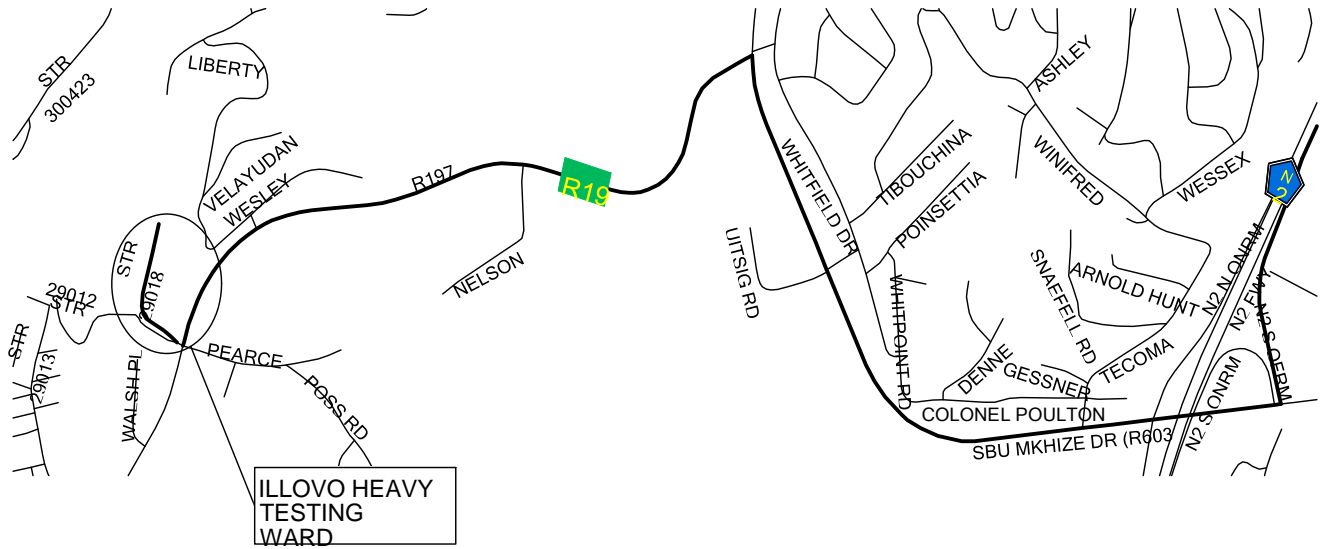
The risk assessment form part of the health and safety plan to be applied on the site and must include the following:

- (a) The identification of the risk and hazards to which to which persons may be exposed.
- (b) An analysis and evaluation of the risk and hazards identified based on a documented method.

### **5. REFERENCES**

- (a) Tender document number 3V-29012
- (b) Occupational Health & Safety Act and its Regulation

## 6. LOCALITY PLAN



**PLEASE NOTE THAT THIS IS A BASELINE RISK ASSESSMENT AND NOT A DETAILED RISK ASSESSMENT OF ALL ANTICIPATED ACTIVITIES ON SITE.**

## **7.SCOPE OF WORK**

### Description of Works

Type of Works	Description of Works
i) Site Clearance	General clearance including the following: <ul style="list-style-type: none"> <li>• Removal of existing asphalt paved areas</li> <li>• Removal of existing concrete paved areas</li> <li>• Demolition and removal of existing building structures</li> <li>• Removal of existing brick paved structures</li> <li>• Removal of existing fence</li> <li>• Removal of existing concrete staircases</li> <li>• Removal of existing bush and trees.</li> </ul>
ii) Testing Platform and Parking Area	Approximate total area = 6700m <sup>2</sup> . A concrete surfaced testing platform will be constructed as per the following layerworks with the following thicknesses: <ul style="list-style-type: none"> <li>• 150mm Subgrade rip &amp; recompact</li> <li>• 250mm G7 Subgrade improvement</li> <li>• 150mm C1 Stabilised Subbase</li> <li>• 200mm Plain Jointed Concrete Pavement</li> </ul> <p>This will include road painting and road signs.</p>
iii) Sidewalks and Paving	Approximate total length = 400m 150mm G4 layer, Mini kerb and haunch, Clay brick pavers and precast concrete steps shall form part of the works.
iv) Drainage	Approximate total length = 50m Laying of 375mm stormwater pipe including catchpits and headwalls.
v) Protection Works	Approximate total length = 350m Installation of medium security Clear view fencing (2.4m high) to include vehicular gate and pedestrian gate to match the fence.

### **The following activities were assessed:**

- (a) Access to the site.
- (b) Material delivery to the site.
- (c) Site establishment.
- (d) Site clearance and grubbing.
- (e) Busy residential/industrial area.
- (f) Traffic management.
- (g) Excavation/ earthworks.
- (h) Manual moving of precast products.
- (i) Provision of pipe bedding, laying of pipe and backfilling.

- (j) Construction of manholes and appurtenant drainage works.
- (k) Protection of existing services.
- (l) Construction mobile plant and machinery.
- (m) Concrete works.
- (n) Breaking and removal of existing asphalt surface.
- (o) Pavement layers of gravel material.
- (p) Supply and installation of kerbs and haunches.
- (q) Replacement of existing asphalt surface.
- (r) Road Markings.
- (s) Removal of damaged concrete precast products and installation of the new ones.
- (t) Protection Works.
- (u) Site security.

# 1. RISK ESTIMATION AND EVALUATION

## RISK CLASSIFICATION USING A RISK SCORE TECHNIQUE

<b>Exposure (E) How frequently does the hazardous event occur</b>		<b>Risk level</b>
Continuously .....		10
Frequently (daily) .....		6
Occasionally (weekly) .....		3
Unusually (monthly) .....		2
Rarely (few a year) .....		1
<b>Probability (P) The probability of a loss when the hazardous event does occur</b>		<b>Risk level</b>
Frequent (happens often) .....		10
Probable (quite possible) .....		6
Occasional (unusual, but possible) .....		3
Remotely possible (has happened somewhere) .....		1
Improbable (practically impossible) .....		0.5
<b>Severity (S) Consequences of the hazardous event</b>		<b>Risk level</b>
<b>Catastrophic</b> many fatalities; or interruption of longer than 2 weeks; or asset or environmental damage (or both) exceeding R100m .....		100
<b>Disaster</b> (few fatalities; or interruption between one and 2 weeks; or asset or environmental damage (or both) exceeding R10m) .....		40
<b>Very serious</b> (one fatality; or interruption of 6 days; or asset or environmental damage (or both) exceeding R100,000 .....		7
<b>Important</b> (temporary disability; or interruption between 6 and 24 hours; or damage exceeding R10,000 .....		3
<b>Noticeable</b> (first aid needed; or interruption of less than 6 hours; damage exceeding R1000) .....		1
<b>Risk classification (Risk score = E x P x S )</b>		
<b>Risk score</b>		<b>Risk level</b>
Over 400-----5		Very high risk – discontinue operation or activity
200 to 400 ----- 4		High risk – immediate correction needed
70 to 200----- 3		Substantial risk – correction needed
20 to 70----- 2		Possible risk – attention needed
Under 20 ----- 1		Risk accepted

**BASELINE RISK ASSESSMENT WORKSHEET**

	Activity	Hazard	Risk	Risk Evaluation			Risk Score	Risk level
				E	P	S		
<b>1</b>	<b>Access to the site.</b>							
	<ul style="list-style-type: none"> <li>Traveling to and from site in a vehicle.</li> </ul>	<ul style="list-style-type: none"> <li>Safety belts not worn when traveling in or operating a vehicle.</li> <li>Vehicle not equipped with safety belts for all passengers.</li> <li>Over speeding of vehicles.</li> <li>Driving on public roads.</li> </ul>	<ul style="list-style-type: none"> <li>Injuries caused when in vehicle accident.</li> <li>Fatalities when in vehicle accident</li> <li>Risk of personnel being injured by over speeding vehicles.</li> <li>Involved in accident.</li> </ul>	6	6	7	252	4
<b>2</b>	<b>Material delivery to the site.</b>							
	<ul style="list-style-type: none"> <li>Loading and offloading of equipment manually.</li> <li>Mechanical handling.</li> </ul>	<ul style="list-style-type: none"> <li>Employee being struck by the load.</li> <li>Manual lifting of heavy objects.</li> <li>Bending.</li> </ul>	<ul style="list-style-type: none"> <li>Serious injury.</li> <li>Back strain.</li> <li>Skeletal damage</li> <li>Head, hand, and foot injuries.</li> <li>Backache.</li> </ul>	3	6	7	126	3
<b>3</b>	<b>Site establishment.</b>							
	<ul style="list-style-type: none"> <li>Manual and</li> </ul>	<ul style="list-style-type: none"> <li>Incompetent</li> </ul>	<ul style="list-style-type: none"> <li>Injuries,</li> </ul>	6	6	7	252	4

	<p>mechanical clearing of the land</p> <ul style="list-style-type: none"> <li>• Off-loading and positioning of containers by mobile crane</li> <li>• Fencing off the site</li> <li>• Installation of temporary water supply, electricity, ablution facilities,</li> </ul>	<p>construction mobile plant operator.</p> <ul style="list-style-type: none"> <li>• Sharp protruding objects.</li> <li>• Manual Handling of equipment and materials.</li> <li>• Uneven surfaces</li> <li>• Driving on dangerous and undulating terrain.</li> <li>• Reckless driving.</li> <li>• Electrocutation</li> <li>• Incorrect/ poor connection of temporary services</li> </ul>	<p>Accidents</p> <ul style="list-style-type: none"> <li>• Hand injuries.</li> <li>• Skeletal injuries</li> <li>• Destruction of services</li> <li>• Death, burns</li> </ul>					
<b>4</b>	<b>Site clearance and grubbing.</b>							
	<ul style="list-style-type: none"> <li>• Clearing of the site using construction mobile plant/labourer</li> </ul>	<ul style="list-style-type: none"> <li>• Overgrown vegetation</li> <li>• Rubble existing on site</li> <li>• Snakes bites.</li> <li>• Bees</li> </ul>	<ul style="list-style-type: none"> <li>• Nuisance, poisonous</li> <li>• Environmental contamination</li> <li>• Death, poison</li> <li>• Accident/</li> </ul>	6	6	7	252	4

		<ul style="list-style-type: none"> <li>• Incompetent driver/operator</li> <li>• Unsafe construction mobile plant</li> <li>• Petrol and oil spillages</li> <li>• Dust accumulation.</li> <li>• Bending.</li> <li>• Noise.</li> <li>• Exposure to vibration.</li> </ul>	<p>property damage. Collision with other vehicles</p> <ul style="list-style-type: none"> <li>• Noise</li> <li>• Respiratory problems.</li> <li>• Back strain.</li> <li>• NIHL.</li> <li>• Blood circulation problems.</li> </ul>						
<b>5</b>	<b>Busy residential/industrial areas.</b>								
	<ul style="list-style-type: none"> <li>• Working next to residential/industrial areas</li> </ul>	<ul style="list-style-type: none"> <li>• Public exposure to construction activities.</li> <li>• Destruction of services in the area.</li> <li>• Other activities in the areas</li> <li>• Strikes in the area</li> </ul>	<ul style="list-style-type: none"> <li>• Injuries public and employees, broken bones, damage to property, death,</li> <li>• Disturbance of personnel activities</li> <li>• Fights, lawsuits, disagreement</li> <li>• Damage to property, injuries to employees</li> </ul>	6	6	7	252	4	
<b>6</b>	<b>Traffic management.</b>								

	<ul style="list-style-type: none"> <li>The use of construction vehicle and mobile plant in the public and next to public roads/ streets</li> </ul>	<ul style="list-style-type: none"> <li>Poor/ no traffic management plan in place</li> <li>Lack of traffic management training</li> <li>Unroadworthy plant and vehicle</li> <li>Collision with other vehicles</li> </ul>	<ul style="list-style-type: none"> <li>Accidents, death, broken bones, damage to property</li> <li>Noncompliance with the National Road Traffic Act, Council Road Traffic bi-laws and other applicable Regulations</li> <li>Blockage/ inconvenient access to industrial/ commercial areas</li> </ul>	6	6	7	252	4
<b>7</b>	<b>Excavation/Earthworks.</b>							
	<ul style="list-style-type: none"> <li>Manual and mechanical excavation using construction mobile plants and hand tools.</li> <li>Trimming of embankments.</li> </ul>	<ul style="list-style-type: none"> <li>Faulty hand tools</li> <li>Hitting underground services</li> <li>Unsafe machinery/ hand tools</li> <li>Dust accumulation</li> <li>Collapsing of trench sides or</li> </ul>	<ul style="list-style-type: none"> <li>Hand injuries.</li> <li>Lack of service delivery which may result in community protest</li> <li>injuries to hands,</li> <li>Severe injuries.</li> <li>Fatality.</li> </ul>	6	6	7	252	4

		embankments							
<b>8</b>	<b>Manual moving of precast product.</b>								
	<ul style="list-style-type: none"> <li>Manual handling and moving of precast product using wheelbarrows,</li> <li>Mechanical handling and moving of precast product using lifting equipment,</li> </ul>	<ul style="list-style-type: none"> <li>Unsafe wheelbarrows,</li> <li>Manual handling of precast product</li> <li>Lifting of excess/ heavy load</li> <li>Ergonomics hazards</li> <li>Faulty lifting equipment.</li> <li>Incompetent operator.</li> </ul>	<ul style="list-style-type: none"> <li>Injury to hands/ toes</li> <li>Skeletal injuries</li> <li>Slippery surface</li> <li>Tripping hazards</li> <li>Ergonomic risks</li> <li>Feet/body crush</li> <li>Noncompliance with DMR.</li> <li>Noncompliance with stipulated safe working load.</li> </ul>	3	3	3	27	2	
<b>9</b>	<b>Provision of pipe bedding, laying of pipe and backfilling.</b>								
	<ul style="list-style-type: none"> <li>Levelling</li> <li>Compaction</li> <li>Transportation of imported material</li> <li>Offloading and laying of pipe.</li> </ul>	<ul style="list-style-type: none"> <li>Traffic accidents on site when transporting materials.</li> <li>Reversing of trucks and mobile plant.</li> </ul>	<ul style="list-style-type: none"> <li>Damage to Property.</li> <li>Respiratory failure</li> <li>Fatigue. Kidney damage. Muscle/ body/ joint pain</li> <li>Noise induced</li> </ul>	3	3	3	27	2	

		<ul style="list-style-type: none"> <li>• Dust inhalation.</li> <li>• Incompetent driver/ operator</li> <li>• Dust</li> <li>• Vibration</li> <li>• Noise</li> <li>• Faulty hand tools</li> <li>• Bending and lifting.</li> </ul>	<ul style="list-style-type: none"> <li>• hearing loss</li> <li>• Skin irritation</li> <li>• Breathing/ respiratory diseases</li> <li>• Hand Injuries.</li> <li>• Backache.</li> </ul>					
<b>10</b>	<b>Construction of manholes and appurtenant drainage works.</b>							
	<ul style="list-style-type: none"> <li>• Casting and floating of concrete during construction of stormwater systems.</li> <li>• Excavation above 1m deep using mobile plant.</li> <li>• Preparation and laying of concrete pipes using a lifting equipment</li> <li>• Construction of above 1m deep manhole using cement, blocks,</li> </ul>	<ul style="list-style-type: none"> <li>• Collapsing of trenches.</li> <li>• Unsafe access to trench</li> <li>• Unprotected trenches</li> <li>• People exposure to excavations</li> <li>• Unsafe lifting devices</li> <li>• Incompetent lifting machinery operator</li> <li>• Equipment failure</li> </ul>	<ul style="list-style-type: none"> <li>• Collapsing of trench walls</li> <li>• Death, dislocation, trauma/ panic attack</li> <li>• Broken bone, dislocation,</li> <li>• Falling into excavation.</li> <li>• Injury to body. Accidents. Property Damage. Noncompliance with DMR. Noncompliance</li> </ul>	6	6	7	252	4

	<p>hand tools and concrete manhole rings/ cover</p> <ul style="list-style-type: none"> <li>• Connection of the stormwater pipes into the existing stormwater drainage system</li> </ul>	<ul style="list-style-type: none"> <li>• Overloading of equipment/ machinery</li> <li>• Working/ operating equipment too close to the excavation</li> <li>• Contact with and inhalation of cement dust</li> <li>• Manual handling of heavy manhole rings and covers</li> <li>• Incorrect connection of stormwater pipes</li> </ul>	<p>with stipulated safe working load.</p> <ul style="list-style-type: none"> <li>• Falling into excavation. Property damage.</li> <li>• Respiratory diseases. Skin disease/ irritation</li> <li>• Back/ spine problems. Possible of pinch. Skeletal injuries. Injury to hands and toes.</li> <li>• Destruction/ blockage of stormwater drainage system</li> </ul>						
<b>11</b>	<b>Protection of existing services.</b>								
	<ul style="list-style-type: none"> <li>• Maintenance of watermains, sewer, stormwater, electrical etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Disturbance of the services,</li> <li>• Improper connection,</li> <li>• Sewer spillage,</li> <li>• Blockage of sewer and stormwater</li> </ul>	<ul style="list-style-type: none"> <li>• No water and electricity, community strikes,</li> <li>• Health hazards</li> <li>• Environmental hazards</li> <li>• Burns, death</li> </ul>	6	6	7	252	4	

		<ul style="list-style-type: none"> <li>lines</li> <li>Exposure to biological agents</li> <li>Electrocution.</li> </ul>	<ul style="list-style-type: none"> <li>Financial costs for replacing damaged cables</li> </ul>					
<b>12</b>	<b>Construction mobile plant and machinery.</b>							
	<ul style="list-style-type: none"> <li>Use of construction vehicles and mobile plants and equipment</li> </ul>	<ul style="list-style-type: none"> <li>Unsafe construction plants and equipment</li> <li>Incompetent drivers/operators</li> <li>Uneven surface</li> <li>Equipment/machinery failure</li> <li>Running out of control</li> <li>Noise</li> <li>Vibration</li> <li>Oil Spillage</li> <li>Dust</li> </ul>	<ul style="list-style-type: none"> <li>Accidents. Property damage. Noncompliance with DMR. Noncompliance with stipulated safe working load.</li> <li>Capsizing of mobile construction plants. Jammed construction mobile plants, death</li> <li>Injury to employees and community, death, loss of limb/disablement</li> <li>Damage to property</li> <li>Noise induced</li> </ul>	6	6	7	252	4

			<ul style="list-style-type: none"> <li>hearing loss</li> <li>Muscular pains, kidney damage,</li> <li>Environmental contamination</li> <li>Lung disease</li> </ul>						
<b>13</b>	<b>Concrete work.</b>								
	<ul style="list-style-type: none"> <li>Pre-leveling the area and formwork preparation.</li> <li>Working with Reinforcement wire mesh.</li> <li>Hand mixing of cement.</li> <li>Pouring of ready-mix concrete.</li> <li>Floating of the concrete.</li> </ul>	<ul style="list-style-type: none"> <li>Noise.</li> <li>Vibration.</li> <li>Pinch point, sharp and protruding edges</li> <li>Dust.</li> <li>Defective hand tools.</li> <li>Cement contact with body.</li> <li>Over bending.</li> </ul>	<ul style="list-style-type: none"> <li>Injury to employees and community, loss of limb/ disablement.</li> <li>Hand injuries.</li> <li>Noise induced hearing loss</li> <li>Lung disease, eye irritation.</li> <li>Hand injuries.</li> <li>Backache.</li> </ul>	6	6	3	108	3	
<b>14</b>	<b>Breaking and removal of existing asphalt surface.</b>								
	<ul style="list-style-type: none"> <li>Use of a breaker and a saw cutting machine.</li> </ul>	<ul style="list-style-type: none"> <li>Defective machine.</li> <li>Incorrect operating methodology/ breaker operated by an</li> </ul>	<ul style="list-style-type: none"> <li>Injury to employees.</li> <li>Muscular pains, kidney damage,</li> <li>Noise induced hearing loss.</li> </ul>	3	6	7	126	3	

		incompetent person. <ul style="list-style-type: none"> <li>Pointed objects e.g. wires, nails, crusher and glasses.</li> <li>Vibration.</li> </ul> Noise.						
<b>15</b>	<b>Pavement layers of gravel material.</b>							
	<ul style="list-style-type: none"> <li>Levelling</li> <li>Compaction</li> <li>Transportation of imported material</li> </ul>	<ul style="list-style-type: none"> <li>Traffic accidents on site when transporting materials.</li> <li>Reversing of trucks and mobile plant.</li> <li>Dust inhalation.</li> <li>Incompetent driver/operator</li> <li>Dust</li> <li>Vibration</li> <li>Noise</li> <li>Faulty hand tools</li> </ul>	<ul style="list-style-type: none"> <li>Damage to Property.</li> <li>Respiratory failure</li> <li>Fatigue. Kidney damage. Muscle/body/ joint pain</li> <li>Noise induced hearing loss</li> <li>Skin irritation</li> <li>Breathing/respiratory diseases</li> <li>Hand Injuries.</li> </ul>	3	3	3	27	2
<b>16</b>	<b>Supply and installation of kerbs and haunches.</b>							

	<ul style="list-style-type: none"> <li>• Kerbs installation.</li> </ul>	<ul style="list-style-type: none"> <li>• Manual handling of kerbs</li> <li>• Unsafe tools</li> <li>• Ergonomic hazards</li> </ul>	<ul style="list-style-type: none"> <li>• Skeletal injuries. Injuries to hands and toes</li> <li>• Ergonomic risks</li> </ul>	3	3	3	27	2
<b>17</b>	<b>Replacement of existing asphalt surface.</b>							
	<ul style="list-style-type: none"> <li>• Compaction</li> <li>• Asphaltting</li> <li>• Using hand tools</li> </ul>	<ul style="list-style-type: none"> <li>• Incompetent driver/ operator</li> <li>• Dust</li> <li>• Vibration</li> <li>• Noise</li> <li>• Contact with hot asphalt</li> <li>• Fumes</li> <li>• Unsafe tools</li> </ul>	<ul style="list-style-type: none"> <li>• Injuries,</li> <li>• Environmental contamination</li> <li>• Lung disease, eye irritation. Contamination of the nearest commercial buildings</li> <li>• Fatigue. Kidney damage. Muscle/ body/ joint pain</li> <li>• Noise induced hearing loss</li> <li>• Burns, skin infections</li> <li>• Breathing/ respiratory diseases</li> <li>• Injury to hands</li> <li>• Backache.</li> <li>• Injury to employees.</li> </ul>	6	6	3	108	3

<b>18</b>	<b>Road Markings.</b>							
	<ul style="list-style-type: none"> <li>Painting of road lines using retro reflective paint.</li> </ul>	<ul style="list-style-type: none"> <li>Skin contacts with paint</li> <li>Inhalation of paint fumes.</li> <li>Bending.</li> </ul>	<ul style="list-style-type: none"> <li>Burns, skin infections</li> <li>Breathing/ respiratory diseases.</li> <li>Dizziness</li> <li>Backache.</li> </ul>	6	6	3	108	3
<b>19</b>	<b>Removal of damaged concrete precast products and installation of the new ones.</b>							
	<ul style="list-style-type: none"> <li>Lifting of heavy objects by hands.</li> <li>Concrete precast products repairs.</li> <li>Mixing cement on site for infrastructure repairs.</li> <li>Saw cutting during repairs.</li> <li>Breaking of the precast product to be repaired.</li> <li>Compacting.</li> <li>Floating of the concrete.</li> </ul>	<ul style="list-style-type: none"> <li>Unsafe lifting methodology.</li> <li>Damage to underground services</li> <li>Cement dust inhalation.</li> <li>Dust.</li> <li>Faulty machine.</li> <li>Unguarded blade.</li> <li>Roller operated by an incompetent person</li> <li>Skin contact.</li> </ul>	<ul style="list-style-type: none"> <li>Feet and finger crushed.</li> <li>Service delivery interruption.</li> <li>Respiratory problems.</li> <li>Injuries.</li> <li>Lung disease, eye irritation.</li> </ul>	6	6	3	108	3
<b>20</b>	<b>Protection Works.</b>							
	<ul style="list-style-type: none"> <li>Manual digging</li> </ul>	<ul style="list-style-type: none"> <li>Faulty hand</li> </ul>	<ul style="list-style-type: none"> <li>Hand injuries.</li> </ul>	6	6	3	108	6

	for fence and gate posts.	<ul style="list-style-type: none"> <li>tools</li> <li>Hitting underground services</li> <li>Bending</li> </ul>	<ul style="list-style-type: none"> <li>Lack of service delivery which may result in community protest</li> <li>Back strain</li> </ul>					
	<ul style="list-style-type: none"> <li>Hand mixing and pouring of cement using hand tools</li> <li>Floating of the concrete</li> <li>Using hand tools</li> </ul>	<ul style="list-style-type: none"> <li>Inhalation of cement dust.</li> <li>Skin contact.</li> <li>Defective hand tools</li> <li>Manual handling.</li> <li>Over bending</li> <li>Unsafe tools</li> <li>Ergonomic hazards.</li> </ul>	<ul style="list-style-type: none"> <li>Lung infection.</li> <li>Accidents.</li> <li>Lung disease, eye irritation</li> <li>Hand injuries.</li> <li>Backache.</li> </ul>	3	6	7	126	3
	<ul style="list-style-type: none"> <li>Use of hand tools when erecting fence, fixing brackets, bolts, and installation of motorized vehicular and pedestrian gate.</li> <li>Use of a step ladder.</li> <li>Manual handling of heavy objects.(fence panels and posts)</li> </ul>	<ul style="list-style-type: none"> <li>Sharp protruding ends from razor coil wire.</li> <li>Incorrect lifting technique.</li> <li>Working at height.</li> </ul>	<ul style="list-style-type: none"> <li>Hand injury</li> <li>Trip and fall.</li> <li>Backache.</li> </ul>	6	6	3	108	6

<b>21</b>	<b>Site security.</b>							
	<ul style="list-style-type: none"> <li>• Provision of security to staff and property</li> </ul>	<ul style="list-style-type: none"> <li>• Incompetent security personnel</li> <li>• Unguided property</li> <li>• Unprotected/fenced site camp</li> <li>• Working in a high risk zone</li> </ul>	<ul style="list-style-type: none"> <li>• Loss of property</li> <li>• Theft,</li> <li>• Financial risk</li> <li>• Uncontrolled entry</li> <li>• Hijacking/ Mugging</li> </ul>	6	6	3	108	3