

Occupational Health and Safety I

Business/Operating unit:	Victoria Lake Inn Installation of Skylight and Paint
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Date: 29-Jul-22		Mangaka Magaoga Noluthando Dondolo Puseletso Sedibana Wenzile Sehloho
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Refer to Occupational Health and Safety

<i>List activity</i>	<i>Hazard Identification</i>	<i>Associated risk</i>	<i>Risk type</i>	<i>What are the possible consequences?</i>
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Anything with potential to cause of harm. Note: A hazard can pose more than one risk.	A chance that injury , ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	Consider the worse case scenario without controls?

Climing into fragile roof materials	Fragile roof materials	Slip, Trip & Fall into fragile roof materials	Safety	Temporary or permanent body injury leading to a medical incident or LTI or could result in fatality.
Driving to Simmerpan Victora Lake Inn Site	Driver not fit or authorised to operate vehicle	vehicle collosion with 3rd party	Safety	Lost time incident, injuries, fatality
	Poor Road conditions	stones, unclear signs, potholes, narrow roads, Invisible road markings, slippery roads, rough terrain, result in motor vehicle accident	Safety	vehicle collision with 3rd party/ property damage/ incidents involving pedestrians, fatality incident, lost time incident

Use of Ladder	Use of defective Ladder	Slips, trip and fall from ladder when ascending and descending	Safety	Lost time incident, medical, back injury, muscle strain
Use of hand tools	Use of damaged tools; lack of maintenance on tools; use of makeshift unapproved tools; distraction; not conducting pretask risk assessment	hand cuts, bruises	Safety	Damaged or use of inappropriate tools, medical incident, first aid incident
	Use of defective electrical power hand tools; distraction; not conducting pretask risk assessment	Electrical shock	Safety	Damaged or use of inappropriate electrical power hand tools, Lost time incident,

<p>Operating electrically power hand tools</p>	<p>Exposure to noise from power tools</p>	<p>Not wearing noise protection while using grinders, drills, anti vandal bolt machine etc.</p>	<p>Safety</p>	<p>Noise Induced Hearing Loss (NIHL) causing partial or permanent deafness leading to a medical incident or LTI.</p>
<p>Working at extreme weather condition</p>	<p>Exposure to extreme weather</p>	<p>Not Wearing appropriate PPE including hats, sun block creams in hot weather. In cold weather not using appropriate warm jackets and clothing. Not doing proper Risk assessments.</p>	<p>Safety</p>	<p>heat stroke, causing low body temperature, Lost time incident</p>
<p>Use of Hazardous Chemical Agent</p>	<p>Exposure to chemical fumes, vapours from paint chemical, cement, wood dust and etc.</p>	<p>Skin irritation, respiratory infection</p>	<p>Health</p>	<p>Occupational disease, Lost time incident</p>

Biological hazards	Risk of being exposed to animal bacteria	Coming into contact with bacteria from urine rats, or birds droppings	Health	Touching contaminated rats urine or birds droppings may result to Leptospira disease
	Exposure to covid-19	Inhalation of covid-19 virus	Health	Working in close proximity with a person that has contracted COVID-19, serious ill health
Working at heights	Falling from Height	Not Wearing appropriate PPE including fall arrest system. Not doing proper Risk assessments. Not Hooking up at Heights.	Safety	Temporary or permanent body injury leading to a medical incident or LTI or could result in fatality.

Baseline risk assessment template

		Next Review Date (every 2 years):	Template identifier:
Authorized by:	Name: Puseletso Sedibana	Document identifier	
	Designation: Project Manager	Revision number:	4
	Signed:	Revision date:	30-Apr-25

Safety Risk assessment procedure 32-520

<i>Existing Controls</i>					<i>Control Owner</i>	<i>Legal and Other Requirements</i>
Include: - <u>Preventative Controls</u> (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - <u>Reactive Controls</u> (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)	Consequence	Likelihood	Risk Priority Rating	RCE Risk Control Effectiveness	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.

<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide working at heights training 2. Contractor to provide fall arrest system 3. Daily task risk assessment provided</p> <p>5) PPE - provide appropriate fall Protection Equipment</p>	5	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Section 8, Life saving rules, working at heights procedure, 32-418, Incident Management Procedure 32-95
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to Ensure the driver has valid National Driver License 2. Contractor SHE File evaluation 3. Contractor to provide other control measures</p> <p>5) PPE - not possible</p>	5	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Incident Management Procedure 32-95, National Road Traffic Act 93 of 1996, Substance Abuse Procedure 32-37
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to use competent person to operate the vehicle with appropriate driver;s license 2. Contractor to adhered to vehicle safety signage and rules at simmerpan victoria lake inn 3. Contractor SHE file evaluation 4. Contractor SHE Induction 5. Apply Eskom life saving rules</p>	5	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Incident Management Procedure 32-95, National Road Traffic Act 93 of 1996, Substance Abuse Procedure 32-38

<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to conducted daily inspection of ladder 2. Contractor to provide fall arrest system 3. Contractor shall provide fall protection plan and competent of fall protection developer 4. Contractor shall provide working at heights training</p> <p>5) PPE - appropriate task specific</p>	4	C	II	Mostly ineffective	Contractor Manager	OHSAct 85 of 1993 , Environmental Regulations for workplaces, Eskom SHEQ policy 32-727,OHS Baseline Risk Assessment 32-520, National Building Regulations, and Standards Act, COID Act
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide hand tools daily inspection</p> <p>5) PPE - appropriate task specific</p>	3	C	II	Mostly ineffective	Contractor Manager	OHS Act, Eskom SHEQ policy 32-727,OHS Baseline Risk Assessment 32-520
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide daily inspection of electrical power tools 2. Contractor to ensure tool are used by competent person</p> <p>5) PPE - appropriate task specific</p>	4	C	II	Mostly ineffective	Contractor Manager	OHS Act, Eskom SHEQ policy 32-727,OHS Baseline Risk Assessment 32-521

<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide Occupation hygiene survey 2. Contractor to ensure tool are used by competent person 3. Task risk assessment</p> <p>5) PPE - appropriate hearing protection equipment</p>	4	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, NIHL Regulations 2003, Incident Management Procedure 32-95, Electrical Machinery Regulations 2011
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to conduct extreme weather condition awareness 2. Daily task risk assessment provided 3. Conduct daily tool box talk</p> <p>5) PPE - provide appropriate weather condition</p>	4	C	II	Mostly effective	Contractor Manager	OHS Act 85 of 1993, Section 8, Incident Management Procedure 32-95
<p>1) Elimination - not possible due to nature of work 2) Substitution - where possible substitute paint chemical agent with less toxic 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide hazardous chemical agent risk assessment 2. Chemical inventory 3. Contractor to provide Safety Data Sheet 4. Contractor to provide medical surveillance program 5. Contractor to provide hazardous Chemical Agent training records</p>	4	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Section 8, Eskom Policy 32-727, Incident Management Procedure 32-95, Hazardous Chemical Agents

<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide baseline risk assessment 2. Contractor to provide medical surveillance program 3. Contractor to ensure good personal hygiene</p> <p>5) PPE - provide appropriate PPE</p>	4	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Section 8, Eskom Policy 32-727, Incident Management Procedure 32-95, Biological Agents Regulation
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide covid-19 management plan 2. Contractor to provide covid-19 risk assessment</p> <p>5) PPE - covid-19 mask</p>	5	D	I	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Health Act 61 of 2003 COVID-19 OHS and Safety Measures in Workplaces; Disaster Management Act, Act 57 of 2002- Declaration of State
<p>1) Elimination - not possible due to nature of work 2) Substitution - not possible due to nature of work 3) Engineering - not possible due to nature of work 4) Administrative - 1. Contractor to provide working at heights training 2. Contractor to provide fall arrest system 3. Daily task risk assessment provided</p> <p>5) PPE - provide appropriate working at heights</p>	4	C	II	Mostly ineffective	Contractor Manager	OHS Act 85 of 1993, Section 8, Life saving rules, working at heights procedure, 32-418, Incident Management Procedure 32-95



















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R	Safety	1	A	Fully effective	I
N	Health	2	B	Mostly effective	II
		3	C	Mostly ineffective	III
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