



Project Specific Risks

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Document Type	Form
Revision	2
Effective Date	3 June 2020
Reference No	03 A - DUVHA
Generation Division	
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ESKOM PROJECT MANAGER	GEORGE KLOPPER
PROJECT	Supply and delivery of Economiser Elements & Bends Two of sizes Boiler Tubing for stock items for four years on an as when required basis
PURCHASE ORDER/CONTRACT NUMBER/	N/A
CONTRACTOR NAME	N/A
CONTRACTOR CONTACT PERSON	N/A
CELL No.	N/A
DATE	02 SEPTEMBER 2025

No	Hazard	Risk	Causes of Risk	Consequence	Likelihood	Risk Priority Rating
	(Example of a hazard is a manhole cover that is not in position or missing)	(Examples of risks related to the hazard are injuries or a fatality. There could be more than one risk per hazard)	Example is that someone worked there but did not replace the cover)			
1	Use of cell phone while driving on site	Vehicle accident that will result in injuries	Distracted by usage of cell phone	4	B	III
2	Reckless driving on site	Vehicle accident that will result in injuries	Disregarding safety rules and road signs	4	B	III
3	Driving unroadworthy vehicle on site	Vehicle accident that will result in injuries	Failure to maintain and service the vehicle	4	B	III
4	road users that don't always obey the road rules. (Pedestrians, motorists) on site	Vehicle accident that will result in injuries	Disregarding safety rules and road signs	4	B	III

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5	Exposure to wild life on site crossing the road	Vehicle accident that will result in injuries	Poor visibility due to mist, driving at night, wild life running in to the road	4	B	III
6	Night Driving on site	Vehicle accident that will result in injuries	Night Driving without due care			

Consequence criteria

Consequence rating	Description
	Health and Safety
1	No injuries or health effects(near misses)
2	First-aid treatment case, and temporary discomfort case
3	Medical treatment case; occupational disease with reversible/non-permanent effect
4	Lost Time Injury. Irreversible health effects/occupational disease with permanent consequence
5	Fatality or life threatening health effects
6	Multiple fatalities

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		RISK MATRIX				
Consequences	6	I	I	I	I	I
	5	II	II	II	I	I
	4	III	III	II	I	I
	3	IV	III	II	II	I
	2	IV	IV	III	II	II
	1	IV	IV	III	III	III
		A	B	C	D	E
		Likelihood				

Likelihood criteria

Score	Descriptor	Safety	Occupational hygiene	
			Exposure	Probability of exceeding OEL
A	Highly unlikely	<ul style="list-style-type: none"> More than a "100 year event" Exceptionally unlikely, even in the long-term future < 5% probability 	Rare (once a year)	No exposure (or exposure < 10% of OEL)
B	Unlikely	<ul style="list-style-type: none"> Could occur in "years to decades" 	Short periods of time, a few times per day/ intermittent (once in six months, three months, or a month)	Low exposure (< 50% of OEL)
C	Possible	<ul style="list-style-type: none"> Could occur within "months to years" 	Continuous for between one and two hours (often/ weekly)	Moderate exposure (chronic exposure > 50% of OEL or acute exposure ≥ OEL)
D	Likely	<ul style="list-style-type: none"> Could occur within "weeks to months" ≥ 70% and < 90% probability. 	Continuous for between two and four hours (frequent/daily)	High exposure (chronic exposure > OEL, or exposure exceeding OEL-STEL)
E	Unavoidable	<ul style="list-style-type: none"> Could occur within "days to weeks" 	Continuous for eight-hour shift	Very high exposure (chronic exposure > 2 x OEL or exposure exceeding OEL-C)

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