



## Project Specific Risks

<b>Document No:</b>	SAS0012-1
<b>Document Type</b>	Form
<b>Revision</b>	2
<b>Effective Date</b>	3 June 2020
<b>Reference No</b>	03 A - DUVHA
<b>Generation Division</b>	
<b>Page 1 of 3</b>	

ESKOM PROJECT MANAGER	
PROJECT	<b>Admin 5<sup>th</sup> floor office partitioning</b>
PURCHASE ORDER/CONTRACT NUMBER/	<b>N/A</b>
CONTRACTOR NAME	<b>N/A</b>
CONTRACTOR CONTACT PERSON	<b>N/A</b>
CELL No.	<b>N/A</b>
DATE	<b>November 2024</b>

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	Manual lifting of material ( Ergonomic related )	manual lifting heavy materials can cause musculoskeletal disorders(MSD's eg neck and back injuries)	Failure to use manual lifting techniques	3	B	III
2	Poor housekeeping	Poor housekeeping environment will cause Slip, trip and fall injuries	Failure to observe	3	B	III
3	exposure to saw dust	yes injuries	Failure to wear goggles	3	<b>B</b>	III

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<b>Page 2 of 3</b>	

4	Exposure to excessive noise generated by electric hacksaw	exposure to excessive noise will cause Noise Induce Hearing Loss	Failure to wear ear protection	4	B	III
5	Exposure to sharp objects	hands and finger injuries	Failure to observe, distracted by cell phone, failure to wear gloves	3	B	III

### Consequence criteria

Consequence rating	Description
<b>Health and Safety</b>	
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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<b>Page 3 of 3</b>	

		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"> <li>More than a "100 year event"</li> <li>Exceptionally unlikely, even in the long-term future</li> <li>&lt; 5% probability</li> </ul>	Rare (once a year)	No exposure (or exposure < 10% of OEL)
B	Unlikely	<ul style="list-style-type: none"> <li>Could occur in "years to decades"</li> </ul>	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"> <li>Could occur within "months to years"</li> </ul>	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"> <li>Could occur within "weeks to months"</li> <li>≥ 70% and &lt; 90% probability.</li> </ul>	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"> <li>Could occur within "days to weeks"</li> </ul>	Continuous for eight-hour shift	Very high exposure (chronic exposure > 2 x OEL or exposure exceeding OEL-C)

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