

ORISSA POWER GENERATION CORPORATION LTD.

HAZARD IDENTIFICATION & RISK ASSESSMENT (OCCUPATIONAL HEALTH & SAFETY)

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SI. NO	ACTIVITIES	OCCURRENCE OF HAZARDS	HAZARDS	RISKS	EVALUATION OF RISK								Reference
					QUALITATIVE			QUANTITATIVE			RPN	S/NS	
					LC	BC	IPC	A	B	C			
1	Core Cutting / Core Drilling work	N	Exposure to dust	Respiratory problems	N	N	N	6	10	3	180	NS	
		AB	Exposure to micro organisms / bacteria during cleaning or repair of toilets / urinals / pipelines	Health hazards due to infection	N	N	N	6	10	3	180	NS	
2	Injection Grouting/ Chemical Pouring	AB	Fall from height	Injury	N	N	N	4	50	3	600	S	
		N	Exposure to dust	Respiratory problems	N	N	N	6	10	3	180	NS	
		N	Contact with concrete	Skin irritation	N	N	N	6	2	3	36	NS	
		N	Exposure to dust(cement)	Eye irritation	N	N	N	4	5	5	100	NS	
3	Performing High & Medium risk jobs	N	Hazards due to performing the jobs without JSA, Job briefing and adequate supervision	Fatality/ Injury	N	N	Y	4	50	3	600	S	
4	Stacking of construction materials at work site	AB	Road accident due to dumping of construction material and work on road	Injury	N	N	N	4	30	3	360	S	
5	Transportation of Materials	AB	Faliure of vehicle due to overloading/unsafe dtiving /mechanical failure	Accident	N	N	N	3	20	3	90	NS	