

ORISSA POWER GENERATION CORPORATION LTD.														
HAZARD IDENTIFICATION & RISK ASSESSMENT (OCCUPATIONAL HEALTH & SAFETY)														
Name of Work:- "Construction of Kalyan Mandap at Amdhara"														
FORMAT REVISION NO: 02/00			DATE: 11.12.08			DOCUMENT REVISION			DOCUMENT REVISION DATE :					
SI. NO	ACTIVITIES	OCCURRENCE OF HAZARDS	HAZARDS	RISKS	EVALUATION OF RISK									Reference
					QUALITATIVE			QUANTITATIVE			RPN	S/NS		
					LC	BC	IPC	A	B	C				
N/AB/E														
1	Cleaning activities	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	Concreting & Masonary Work	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	Earth excavation in foundation	AB	Collapsing of earth	Injury	N	N	N	8	2	3	48	NS		
		N	Exposure to dust	Respiratory problems	N	N	N	6	10	3	180	NS		
4	Movement of Dumpers/Dozer/tractors/tankers & other heavy vehicles during working hour	AB	Exposure to noise>85db during running of vehicles	Hearing impaired	N	N	N	2	2	5	20	NS		
		N	Exposure to vehicular emission during working of heavy vehicles & machineries	Physical Discomfort, Eye injury	N	N	N	4	5	5	100	NS		
5	Painting	AB	Falling of objects from height	Injury	N	N	N	4	5	3	60	NS		
		N	Inhalation of fumes	Respiratory problems	N	N	N	4	5	3	60	NS		
		AB	Falling from height	Injury	N	N	N	4	50	3	600	S		
6	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		
7	Plastering	AB	Falling of objects	Injury	N	N	N	4	5	3	60	NS		
		AB	Collapse/failure of scaffolding	Injury	N	N	N	4	20	3	240	S		
		AB	Falling from height	Injury	N	N	N	4	50	3	600	S		
		AB	Collapse/failure of scaffolding	Injury	N	N	N	4	30	3	360	S		
10	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		