

HAZARD IDENTIFICATION & RISK ASSESSMENT (OCCUPATIONAL HEALTH & SAFETY)

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Sl. No.	Activity	Description of Hazard	Risk	Direct/ in-direct	Existing Control	Qualitative Criter		Quantitative Criteria			Significant/Non significant	Hierarchy of control	Additional control	Control Reference	Residual Risk		
						Legal	Interested party concern	Likelihood	Severity	Risk Level					Likelihood	Severity	Risk Score
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Painting at height	Breaking/failure of scaffolding	Injury due to falling	Direct	EM 4/7	N	N	2	1	2	NS	NA	NA	NA	NA	NA	NA
		Fall from height	Injury due to falling	Direct	EM 4/79	N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Falling of object (Brush, can etc. from height)	Minor Injury	Direct	EM-4/79	N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Striking with over head object	Head Injury	Direct	EM-4/79	N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Falling of paint drops into eyes	Eye injury/ eye irritaion.	Direct		N	N	2	1	2	NS	NA	NA	NA	NA	NA	NA
2	Earth excavation work(Manual)	Collapsing of earth	Injury / disability	Direct		N	N	2	1	2	NS	NA	NA	NA	NA	NA	NA
		Falling into trench	Injury leading to fractures.	Direct	EM 4/43	N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
3	Concrete work at height	Fall from height	Injury due to falling	Direct	EM 4/43	N	Y	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Faliure of scaffolding	Injury due to falling	Direct	EM 4/7,4/47	N	N	2	1	2	NS	NA	NA	NA	NA	NA	NA
		Falling of constn. materials,tools etc.	Injury	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Exposure to dust(cement)	Respiratory problems / Lung infection	Direct		N	N	1	1	1	NS	NA	NA	NA	NA	NA	NA
		Contact with concrete	Skin irritation	Direct		N	N	2	1	2	NS	NA	NA	NA	NA	NA	NA
4	Grass cutting	Snake bite by poisonous snake	Fatal	Direct	EM 4/43	N	N	2	1	2	NS	NA	NA	NA	NA	NA	NA
		Insect biting	Injury / Temporary illness	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Contact with Thorns / Bushes	Cuts / Injury/ skin irritaion	Direct		N	N	1	1	1	NS	NA	NA	NA	NA	NA	NA
5	Repair of road	Exposure to dust while cleaning surface	Respiratory problems / Lung infection/	Direct		N	N	1	1	1	NS	NA	NA	NA	NA	NA	NA

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		Contact with hot material	Burn Injury	Direct		N	N	1	2	2	NS	NA	NA	NA	NA	NA	NA
		Road accident due to dumping of construction material and work on road	Injury	Direct	EM 4/47	N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
6	Transportation of debris.	Failure of vehicle due to over loading/unsafe driving/mechanical failure	Injury/Fatal	Direct	EM 4/47	N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Falling of dust in eye while loading & unloading	Eye irritation	Direct		N	N	1	2	2	NS	NA	NA	NA	NA	NA	NA
		Exposure to hazardous waste which are mixed with debris	Injury	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
7	Drain construction & repairing	Hitting of stone/boulder with body parts while unloading from dumper	Injury	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Hitting of stone/metal with body parts due to fall of stone while carrying from stack to work spot manually	Injury	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Slip/Fall while carrying stone/metal/sand and concrete on slope of ash dyke	Injury/ disability/Fatal	Direct	EM 4/47	N	N	1	3	3	NS	NA	NA	NA	NA	NA	NA
		Hitting of stone/metal with body parts while placing stones	Injury	Direct		N	N	1	3	3	NS	NA	NA	NA	NA	NA	NA
		Slip/Fall while placing stone/metal /sand & concrete on slope of ash dyke	Injury/ disability	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA

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8	Stacking of construction materials at work site	Road accident due to dumping of construction material and work on road	Injury	Direct	EM 4/47	N	N	1	2	2	NS	NA	NA	NA	NA	NA	NA
		Exposure to noise>85 db	Hearing impairment	Direct	EM 4/45	Y	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Exposure to micro organisms / bacteria during cleaning or repair of toilets / urinals / pipelines	Health hazards due to infection	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
9	Replacement of damaged roof sheet / window glass.	Fall of object from height	Injury	Direct		N	N	2	2	4	NS	NA	NA	NA	NA	NA	NA
		Falling from height	Fatal	Direct	EM 4/49,	N	N	1	2	2	NS	NA	NA	NA	NA	NA	NA