

HAZARD IDENTIFICATION & RISK ASSESSMENT (OCCUPATIONAL HEALTH & SAFETY)												
FORMAT NO: ER 5/10-F1				Name of work : Manufacturing and supplying of fly ash brick at ITPS for 02 years								
FORMAT REVISION NO: 02/00		DOCUMENT REVISION STATUS : R- 23		DOCUMENT REVISION DATE : 16.11.20								
Sl. No.	Responsible Deptt.	Activity	Description of Hazard	Risk	Direct/ in-direct	Existing Control	Qualitative Criteria		Quantitative Criteria			
							Legal	Interested party concern	Likelihood	Severity	Risk Level	Significant/Non significant
1	2	3	4	5	6	7	8	9	10	11	12	13
		Supression of ash blowing	Exposure to dust while sprinklig water	Physical Discomfort	Direct	EM-4/93,,EM-4/45	N	N	1	1	1	NS
		Stacking of construction materials at work site	Road accident due to dumping of construction material and work on road	Injury	Direct	EM 4/47,EM-4/74,EM-4/21	N	N	1	2	2	NS
		Movement of Dumpers/Dozer/tractors/tankers & oth, heavy vehicles & light vehicles	Slipping/over topping of vehicle during transportation of materials	Major injury/ Fatal	Direct	EM 4/47, EM 4/74, Effective supervision and training	N	N	1	2	2	NS
			Hitting by heavy vehicles & machinery during rolling	Injury/Disability/Fatal	Direct	EM-4/74,EM-4/21	N	N	1	2	2	NS
			Exposure to dust during movement of vehicles/machineries	Physical Discomfort,Eye injury	Direct	EM-4/93,,EM-4/45	N	N	1	1	1	NS
			Exposure to noise<85db during running of vehicles	Physical Discomfort	Direct	EM-4/23,EM-4/45	N	N	1	2	2	NS
			Exposure to noise>85db during running of vehicles	Hearing impaired	Direct	EM-4/23,EM-4/45	N	N	2	2	4	NS
			Exposure to vehicular emission during working of heavy vehicles & machineries	Physical Discomfort,Eye injury	Direct	EM-4/74,EM-4/21	N	N	1	1	1	NS
		Manufacture of Fly ash bricks.	Exposure to ash dust / cement dust.	Respiratory problems / Lung infection	Direct	EM-4/93,,EM-4/45	N	N	1	2	2	NS
			Falling of bricks / blocks during handling.	Body Injury	Direct	EM-4/47,EM-4/45	N	N	1	2	2	NS
			Contact with rotating / moving parts.	Cuts / injury / disablement	Direct	EM-4/82,EM-4/92	Y	N	1	3	3	NS
			Electric shock due to loose / improper wiring/earthing.	Burn Injury/Fatal	Direct	EM4/30,EM4/35	N	N	1	3	3	NS
			Jamming of finger / hand between the hydraulic press.	Cuts/ injury /disability	Direct	EM4/29, EM4/38	N	N	1	2	2	NS
			Fall of Battery on floor	Acid Spillage	Direct	EM4/38,EM-4/45,TRAINING	N	N	1	2	2	NS

Sarat Nayak
Manager-Safety
Dated- 16.11.20