

HIRA

(HIRA) Form Risk Assessment/Management

Section / Dept: Production Contractor :- Janal Industries		Activity: Risk Assessment - Operation of Which Machine		LOCATION: WAMJ MIDC Aurangabad															
Sl No,	Basic Job Steps	Potential Hazard	Consequence	Current control measure	Risk rating			Probability			Adverse			Probability			Residual risk		
					P	E	A	R	R	R	R	R	R	R	R	R			
1	Shifting of W/ret M/C at work Location	Striking with the man/materials Failure of wire rope sling & D-shackle	Get Injury	Machine to be shifted by Hydras Uses of tested wire rope sling & D-shackle and all the tested lifting equipments should be colour coded It should be ensured the load which is lifted by hydras must be equally balanced before shifting same During shifting of mc, guide rope should be provided in both sides Nobody allow within 2mts distance of the hanging load Pathway should be even and free from any other obstruction	1	0	0	0	2	2	2								
2	Firing of mc.	Tripping hazards	Get Injury	Surface should be compact soil where mc to be provided and it should be supported with the fixed structure by welding Deployment only skilled workmen Use of proper PPE To check the periodic break arrangements ToolBox talk to be conducted on daily before starting the activity Area barricade to be provided Only authorised persons are to be allowed inside the barricade Robbing/moving parts of motor and which Flywheel to be properly guarded Electrical operations to be carried out by authorized electricians Use of 30mt Amps EL CB and to provide double earthing with the which connection I take charging approval before operation Only authorised person shall operate the mc. Double insulated cables to be used with all the electrical connections Proper lubrication to be provided of the which ropes, pulley & gears etc. Periodical checking of pulley pin should be required	2	0	0	0	2	4	4								
3	Operation of which mc for lifting of materials	Power failure at the time of lowering/lifting the load Nip hazards Electrical shock Failure of pulley	Get Injury/Fatality Get Injury/Fatality Get Injury/Fatality	Robbing/moving parts of motor and which Flywheel to be properly guarded Electrical operations to be carried out by authorized electricians Use of 30mt Amps EL CB and to provide double earthing with the which connection I take charging approval before operation Only authorised person shall operate the mc. Double insulated cables to be used with all the electrical connections Proper lubrication to be provided of the which ropes, pulley & gears etc. Periodical checking of pulley pin should be required	2	0	0	1	2	4	4								

Prepared by:
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