

Hazard Identification, Risk Assessment And Risk Control Register (HIRA)

DEPARTMENT	Maintenance	E	R / NR	Hazard	Hazard No	Risk	Present control	Legal	Probability	Consequence	Result	Risk level	Sig. Hira No.	Priority No.	Objective No.	Plant-					Addit Opera		
																E	S	EC	W	P			
DUST COLLECTORS MAINTENANCE	ELECTRICAL MAINTENANCE Connection tightening of all contactor, limit switches & all electrical switches.		R	Substance may cause harm by come in contact with skin.	416	Cut Injury	EOHS/OCP/MAIN T/14		2	2	4	M											
	Clean all machine parts.		R	Substance may cause harm by come in contact with skin.	417	Incident.	EOHS/OCP/MAIN T/14																
	Lubricate moving parts.		R	Substance may cause harm by come in contact with skin.	418	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											
	Greasing to all bearing		R	Substance may cause harm by come in contact with skin.	419	Cut injury	EOHS/OCP/MAIN T/14		2	2	4	M											
	MAINTENANCE OF VIBRATOR																						
	Remove bags		R	Substance may cause harm by come in contact with skin.	420	Cut injury	EOHS/OCP/MAIN T/14		2	2	4	M											
				R	Dust may be inhaled.	421	Respiratory inhalation.	EOHS/OCP/MAIN T/14		2	2	4	M										
	Clean bags		R	Flying foreign body in eye.	422	Eye injury.	EOHS/OCP/MAIN T/14		2	2	4	M											
				R	Dust may be inhaled.	423	Respiratory inhalation.	EOHS/OCP/MAIN T/14		2	2	4	M										
	Replace bags		R	Flying foreign body in eye.	424	Eye injury.	EOHS/OCP/MAIN T/14		2	2	4	M											
			R	Substance may cause harm by come in contact with skin.	425	Cut injury	EOHS/OCP/MAIN T/14		2	2	4	M											
FORK LIFT	BATTERY																						
	Check battery voltage by Voltmeter.				426		EOHS/OCP/MAIN T/14		2	2	4	M											
	Top up distilled water.		NR	Exposure to electrical energy.	427	electrocution	EOHS/OCP/MAIN T/14		2	2	4	M											
	Apply petroleum jelly to battery contacts		NR	Fall of person on the level.	428	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											
	battery replacement		NR	Exposure to electrical energy.	429	electrocution	EOHS/OCP/MAIN T/14		2	2	4	M											
	COOLANT & WATER FILLING IN RADIATOR																						
	Fill the coolant in radiator tank.		R	Fall of person on the level.	430	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											
	DIESEL FILLING IN DIESEL TANK																						
	Fill diesel in diesel tank.		R	Fall of person on the level.	431	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											
				R	Manual handling.	432	Sprain	EOHS/OCP/MAIN T/14		2	2	4	M										
				R	Fall of person on the level.	433	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M										
				R	Fumes that can inhaled	434	Respiratory inhalation.	EOHS/OCP/MAIN T/14		2	2	4	M										
	TOP UP ENGINE OIL LEVEL & HYDRAULIC OIL LEVEL.																						
	Top up engine oil.		NR	Fire.	435	Incident	EOHS/OCP/MAIN T/14		2	2	4	M											
	Top up hydraulic oil.		NR	Fall of person on the level.	436	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											
				R	Manual handling.	437	Sprain	EOHS/OCP/MAIN T/14		2	2	4	M										
	Remove suction & return line filter.		NR	Fall of person on the level.	438	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											
				NR	Substance may cause harm by come in contact with skin.	439	Cut injury.	EOHS/OCP/MAIN T/14		2	2	4	M										
Clean suction & returnline oil filter.		R	Fall of person on the level.	440	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M												
			R	Substance may cause harm by come in contact with skin.	441	Cut injury.	EOHS/OCP/MAIN T/14		2	2	4	M											
			R	Fall of person on the level.	442	Incident.	EOHS/OCP/MAIN T/14		2	2	4	M											

