

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

Activity: Fire Tank Rectification Work

DEPARTMENT	Project		Risk Identification			Risk Evaluation							
Activity	Sub-Activities	R / NR	Hazard	Risk	Legal	Probability	Consequence	Resultant	Present control			Additional Controls	
									EC	AC	PPE	Operational Control Introduced through MP	
											EL	S	
Man Power Deployment	General work	NR	Slip, Trip	Personal Injury		1	1	1					Legal All document with valid
WORKING AT HEIGHT FOR FIRE TANK REPAIR WORK	1. Bring required height Ladder	NR	1. Muscular pain to workmen. Ladder May Fall	Injury (Body Injury)		1	2	2		1. Ensure ladder is in good condition.			Provide Safety Shoe, Helmet, Jacket, Safety Harness
	2. Barricade the Area	NR	Personal Injury										
	3. Wear Safety belt & Helmet, Safety Shoes	NR	Fall of person										
	5. Do required work	NR	Operator may fall from ladder while working	Injury (Body Injury)		1	3	3			Use safety belt		Provide Safety Shoe, Helmet, Jacket, Safety Harness
WORKING Fire Tank ROOF	1. Fill work permit	NR	-			1	2	2					
	2. Wear safety harness and helmet	NR	Head injury										
	3. Climb on roof using roof ladder.	NR	Sheet may break and operator may fall	Injury (Body Injury)		2	3	6		OCP for working on roof OCP	Use roof ladder		Provide Safety Shoe, Helmet, Jacket, Safety Harness
	4. Walk along Ladder using bolts as guide	NR	Sheet may break and operator may fall	Injury (Body Injury)		2	3	6		OCP for working on roof	Use roof ladder		
	5. Do required work	NR	Operator may fall from roof while working	Injury (Body Injury)		2	3	6		OCP for working on roof	Use roof ladder		Provide Safety Shoe, Helmet, Jacket, Safety Harness
	R		P	Probability									
	NR		C	Consequences									

Rating	POO	Consequence of Harm		Consequence	MATRIX			
		Injury	Ill Health		1	2	3	
1	Unlikely	Injury not calling for any first aid	Illness having momentary discomfort	3 ↑ consequence 2 ↓ 1	3/M	6/H	9/E	
2	Likely	Injury calling for first aid	Illness due to acute exposure or		2/L	4/M	6/H	
3	Very Likely	Injury leading to temporary /	Illness due to chronic exposure		1/L	2/L	3/M	
					←	Probability		→

Prepared By _____
Date _____

Approved By _____
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