

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

Activity: Installation of PVC Strip Curtains/ Air Curtains

DEPARTMENT	Project	Risk Identification				Risk Evaluation			Present control			Additional Controls		
		Sub-Activities	R / NR	Hazard	Risk	Legal	Probability	Consequence	Resultant	EC	AC	PPE	EL	Operational Control Introduced through MP
Man Power Deployment	General work	NR	Slip, Trip	Personal Injury		1	1	1					Legal All document with valid	
Installation of PVC Strip Curtains/ Air Curtains	1. Bring required height Ladder	NR	1. Muscular pain to workmen, Ladder May Fall	Injury (Body Injury)		1	1	1		1. Ensure ladder is in good condition.			Provide Safety Shoe, Helmet, Jacket, Safety Harness	
	2. Barricade the Area	NR	Personal Injury			1	1	1						
	3. Wear Safety belt & Helmet, Safety Shoes	NR	Fall of person			1	2	2						
Installation of PVC Strip Curtains/ Air Curtains	5. Do required work	NR	Operator may fall from ladder while working	Injury (Body Injury)		1	2	2			Use safety belt		Provide Safety Shoe, Helmet, Jacket, Safety Harness	
	1. Fill work permit	NR	-			1	2	2						
	2. Wear safety harness and helmet	NR	Head Injury			1	2	2						
	3. Climb on roof using roof ladder.	NR	Leg may slip on Ladder Steps	Injury (Body Injury)		1	1	1		Check Ladder condition	Use Safety Shoe & belt		Provide Safety Shoe, Helmet, Jacket, Safety Harness	
	4. Walk along Ladder using bolts as guide	NR	Leg may slip on Ladder Steps	Injury (Body Injury)		1	1	1		Check Ladder condition	Use Safety Shoe & belt			
5. Do required work	NR	Operator may fall from Ladder while working	Injury (Body Injury)		1	2	2		Check Ladder condition	Use Safety Shoe & belt		Provide Safety Shoe, Helmet, Jacket, Safety Harness		
	R		P	Probability										
	NR		C	Consequences										

Rating	POO	Consequence of Harm		
		Injury	Ill Health	
1	Unlikely	Injury not calling for any first aid	Illness having momentary discomfort	3
2	Likely	Injury calling for first aid	Illness due to acute exposure or	2
3	Very Likely	Injury leading to temporary /	Illness due to chronic exposure	1

MATRIX		
3	3/M	9/E
2	2/L	6/H
1	1/L	3/M

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