

METHOD STATEMENT FOR INSTALLATION OF HORIZONTAL LIFELINE SYSTEM

SI No	ACTIVITY	PROBABLE HAZARD	RISK	RISK BY RANK	COUNTER MEASURE	SAFETY KEY POINTS	REVISED RISK
1	KY Meeting	Unaware of key points (Chances of Key points missing)	Deviation in following standard work procedure	A	1.Ensure all workmen are inducted with Industry safety training	1.All workmen to be present & team head to be present till induction is complete 2.Ensure workmen are aware of activity and sequence with corresponding check points to be corelated 3.Confirmation of required tools	C
2	Check the PPE	Injuries can occur	Workmen may get injured	A	1.Use proper PPE. 2.Workmen to use safety belts,safety shoes. 3.Workmen to use double lanyard if accessing the ladder directly.	1. Safety belt is used properly 2. Double lanyard safety belt should be used. 3. Use of safety glasses and safety gloves.	C
3	Shifting of material	Fall of material from top.	Injuries can occur to workman or person passing underneath.	A	1. Ensure effective supervision of lifting of materials 2. Ensure material is tied well while lifting it up. 3. Ensure required materials are placed close to start point. 4. Material is tied well and should not be placed near the edges of the roof.	1.Ensure team head to supervise the lifting activity 2.Ensure supervision of workmen and helpers for thier safety during this activity. 3.Restrict others from working in vicinity while lifting the material.	C
4	Use of scaffold or lifter to place the material on top		Injury to workman	A	1.Use of scaffolding or lifter to put the material on the top of the roof. 2.Use safety gloves for preventing injuries.	1.Check the scaffolding before using it whether its fitted properly.	C
5	Distribution of material on roof	Damage the sheet.	fall from height due to sheet damage.	A	Material should be distributed properly on the roof so that no high pressure should occur on the one point of the sheet.	1.Distribution of the material on the sheet as per the drawing.	C
6	Installation of Roof Post	Fall hazard of workmen	Injury	B	.Use double lanyard safety belt while installing the roof post.	Attach lanyard with a temporary lifeline or some stationary object,	C
7	Running the wire through intermediate attached with Roof post.	Stiffness in the cable may cause snapping	Workmen to use PPEs during this activity	A	1.Additional one person to hold cable during activity 2.Use PPEs until cable gripping is done	1.using of hand gloves for preventing hand or any other body part injuries	C
8	Installation of 90degree bend (as per site) at the corner	Fall hazard of workmen	Injury	A	Passing the cable through 90 degree carefully	Using of hand gloves for preventing hand or any other body part injuries	C
9	Use of shockabsorber at the end of wire attached with roof post	Fall Hazard of workmen	Injury	A	Shock Absorber should be properly pinned with wire and attached with roof post.	All the screw, nuts and bolts should be properly tightened	C
10	Handover of Horizontal lifeline system to user	System checked prior to this activity	Fall hazard overcome with system use	B	Check the system and demonstrate to user in his presence	Formal handover to user	C