



Govt. Licensed Electrical contractor

# RS ENGINEERING SERVICES

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## Hazard Identification And Risk Assesment (HIRA)

Sr. No.	Steps Involved in the Job	Risk	Controls	RSES officials remark
1	Shifting of materials	Injury to body due to mishandling	Hand gloves to be used,	Maximum 40 Kg/person to be lifted as it is in staircase
			Safety shoes to be used	PPEs Helmet, Shoes always to be used
			Skilled manpower to be deployed for shifting work	Available on site
2	Cable laying	Injuries to hand, leg	All appropriate PPE's to be used	Hand gloves, Safety Shoes, Helmet to be used
			Standard tools to be used	Standard tools are available
3	Cable Termination	Injuries to hand	All appropriate PPE's to be used	Hand gloves, Safety Shoes to be used
			Standard tools to be used	Standard tools are available
5	Panel Charge with Supply	Electrical shock to the person	Safety Electrical Mats to be available	Available
			Hand gloves are available	Available
			Skilled Manpower is working under strict supervision	Available
6	Fitting of Raceways	Injuries to hand, leg and eyes due to hammering	All appropriate PPE's to be used	Hand gloves, Dusk goggle and mask to be used
			Standard tools to be used	Standard tools are available
7	Conduiting and Wiring	Injuries to hand, leg and eyes due to conduiting and wiring	All appropriate PPE's to be used	Aluminium ladder with appropriate height to be used. Full body harness to be used
8	Cutting of pipes	Injuries to body, eyes or hand due to cutting	Face shield, leather hand gloves to be used	All appropriate PPE's to be used
		Fatal injury due to Electric shock	Provide Proper Electrical connection with ELCB(30mA)	ELCB(30mA) available on site
		Tripping hazard due to power supply	Cutter machine with safety guard to be used	Cutter machine with safety guard available on site
9	Working on height	Fatal injury to workers due to fall from height	Standard ladder, Safety full body harness and appropriate PPE's to be used	Ensure for proper landing of ladder.
		Injury to body due fall of tools, tackles and materials	Area to be barricaded	Ensure for proper lighting arrangement
10	Welding of pipe sporting	Electric Shock, Fire Hazards,	Provide Proper Electrical connection with ELCB(30mA)	Provide fire extinguisher near by working area.
		Burn injury, eyes injury	Face shield, leather hand gloves to be used	Face shield, leather hand gloves available on site
			Area to be barricaded	Area to be barricaded
			Strict supervision on site	Noted

  
Signature of RSES Representative