

ENDURANCE TECHNOLOGIES LTD

SAFE WORK METHOD STATEMENT

VENDOR NAME : MEGHA ELECTRICAL SERVICES

Sr.No	Activity	Location	Sub Activity	Hazard descriptions	Risk Descriptions	Existing control measures Ranking C
1	A) Fabrication	M/C Shop	Making of MS Supports for C/T	1) Damage power tools	Physical injury	1) All the power tools , Hand tools must be inspected & tested prior to start of work 2) Only trained operator to operate the power tools
				2) Damage cable , Joints in cable	Shock	1) All the cables to be routed through RCCB 2) No cable joints to be allowed 3) All the connection to be thorough industrial Pin Tops
				3) Eye injury due to flying particles,	Eye damage	1) Use PPE's like safety shoes,Helmet,hand golves and safety goggle / faceshield 2) No person should stand in line of fire
				4) Body injury due to breakage of wheel	Physical injury	1) No person should stand in line of fire 2) Appropriate cutting wheel should be used 3) Ensure guard is provided
				5) Dust generation	Respiratory Problems	1) Use dust mask
	B) Installation and welding	M/C Shop	Fixing of MS Support	1) Fall of material from height	Physical injury	1) Area to be barricaded 2) Activity should be carried out under supervision 3) All tools to be secured with string
				2) Fall of person from height	Physical injury , Fatal	1) Full body harness to be used 2) Person working at height must be medically fit 3) Height work to be carried out using boomlift
				3) Eye damage due to flash, body injury to due spatters	Eye damage	1) Appropriate welding screen , Eye protection must be wear 2) Area to be barricaded
				4) Fire	Burns, Property damage	1) Ensure the work area is free from all combustible & flammable material 2) Fire extinguisher must be in place 3) Activity should be carried out under supervision
				5) Damage cable , Joints in cable	Shock	1) All the cables to be routed through RCCB 2) No cable joints to be allowed 3) All the connection to be thorough industrial Pin Tops
2	Installation of cable trays	M/C Shop	Cable Tray Lying	1) Fall of material from height	Physical / Major injury	1) Area to be barricaded 2) Activity should be carried out under supervision 3) All tools to be secured with string
				2) Fall of person from height	Physical injury , Fatal	1) Full body harness to be used 2) Person working at height must be medically fit 3) Height work to be carried out using boomlift
				3) Cut Injury due to sharp edges	Finger Injury	1) Use of Hand gloves , safety shoes and Helmet etc
3	Laying of earth cable /Earth strips	M/C Shop		1) Cuts Injury	Finger Injury	1) use hand gloves for cable striping 2) Use correct tools for the task. 3) When using a knife cut away from yourself.
4	Cable Laying & Dressing	M/C Shop	Cable Laying	1) Manual handling	Strain,sprain,Slip trip fall	1) Use manual material handling technique 2) Activity should be carried out under supervision
				2) Tilting of Cable Drum	Injury to person working around	1) Cable drum must be placed on even surface with Jack supports 2) Cable drum must kept away from access 3) Area must be barricaded
				3) Fall of person at time of cable pull	Physical injury , Fatal	1) Full body harness to be used 2) Person working at height must be medically fit 3) Height work to be carried out using boomlift
5	Installation Of Power Dist. Board	M/C Shop		1) Damage power tools and slipping of hand tools	Physical Injury	1) All the power tools , Hand tools must be inspected & tested prior to start of work 2) Only trained operator to operate the power tools
				2) Damage cable , Joints in cable	Shock	1) All the cables to be routed through RCCB 2) No cable joints to be allowed 3) All the connection to be thorough industrial Pin Tops