Innovative Industrial Services

Different Needs : One Solution

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HIRA Study

Objectiove : A Hazard Identification and Risk Assessment (HIRA) study for AC service work aims to identify potential hazards associated with the maintenance and repair of air conditioning systems, assess the risks these hazards pose, and implement measures to mitigate these risks.

Scope Of Work : Installation and service work for Air conditioning System (Split / HVAC Etc)

HIRA Table for AC Service Work

Identified and Tasks	Hazards Associated	Risk Level Low - Med - Higt	Control Measures
Inspecting the AC unit	Electrical shock	M/H/H	De-energize and lockout/tagout before inspection. Use cordless tools to reduce the risk of tripping over cords
	Fall from height	M/M/M	Use proper ladder safety techniques and PPE.
Cleaning or replacing filters	Exposure to dust/mold	M/M/M	Use respiratory protection and ensure proper ventilation.
Checking refrigerant levels	Chemical exposure	L/H/M	Use gloves, goggles & Mask. Also ensure proper handling and ventilation.
Repairing electrical components	Electrical shock	M/H/H	Ensure power is off; use insulated tools and PPE. Use cordless tools to reduce the risk of tripping over cords
Cleaning coils and fans	Contact with moving parts	M/M/M	Turn off and lockout/tagout the unit before cleaning. Also Install Gaurds for moving parts

Conclusion :

After Conducting a thorough HIRA study method for AC service work helps us in identifying potential hazards, assessing risks, and implementing effective control measures to ensure the safety of workers. This will helps us to maintaining a safe working environment.

For, **Innovative Industrial Services**

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Authorised Signatory