


Condensate, Feed Heating Systems Inspection and Repairs During Outages including Statutory Testing of Pressure Vessels for 5 years

List Activity	Hazard Identification	Associated Risk	Risk Type	Possible Consequences	Existing Controls	Consequence	Likelihood	Risk Priority Rating	Risk Control Effectiveness	Control Owner	Legal and Other Requirements
Mechanical cleaning of pressure vessels, tanks, heat exchangers, pipes, and ducts.	toxic fumes	Respiratory issues	Health	Serious injury or amputation	Ventilation, fume extraction, PPE (respirators) Gas Test required	4	2	Medium	Good	Site Supervisor	Occupational Health and Safety Regulations
Drilling and cutting of components	Sharp edges	Lacerations, injuries	Physical	Serious injury or amputation	Use of PPE, barriers, equipment guards	4	2	Medium	Good	Site Supervisor	Occupational Health and Safety Regulations
Welding works	Exposure to fumes from welding	Respiratory issues	Health	Long-term respiratory illness	Ventilation, fume extraction, PPE (respirators)	3	3	High	Moderate	HSE Officer	Welding Safety Regulations
Equipment handling	Manual handling of heavy parts	Musculoskeletal injury	Ergonomic	Back injury, muscle strain	Mechanical aids, training on lifting techniques	2	3	Medium	Good	Outage team Team	Manual Handling Regulations
Working at height	Falling from height	Severe injury or death	Safety	Multiple injuries, fatality	Use of harness, guardrails, scaffolding	5	2	High	Good	Safety Manager	Working at Heights Regulations

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