



Hazard Classification	Hazard Definition	Hazard Examples	
Environment	Temperature	Exposure to weather, contact with extremes of hot & cold	Hot or Cryogenic pipes, tanks, vessels. Sun exposure
	Biological	Exposure to infectious bacteria or fungi.	First Aid waste, poor hygiene. Legionella
	Noise & Vibration	Excessive sound pressure & excessive vibration	Noise from tools, machine / plant & equipment vibration, blast noise.
	Animals	Contact with animals.	Snake or spider bite. Stings, animals on road.
Materials	Chemicals	Inhalation, absorption, injection, ingestion of chemicals.	Chemical splashes, spills, releases, gas fumes and emissions.
	Radiation	Exposure to radiation source.	Density gauges, sun burn, welding flash. Weld testing - Gamma / X Ray radiation.
	Electricity	Contact with live electrical circuit.	Frayed leads, substations, damaged plugs, powerlines, cable trays.
	Pressure	Exposure to a pressure release.	Air blasts, pipe, flange or valve failure, hydraulic rams moving.
People	Posture / Repetition	Task requiring awkward posture and repetition	Stooping, leaning for long periods, poor ergonomics, repetitive assembly & disassembly.
	Lift, Push & Pull	Manually handling objects	Moving / lifting equipment or scaffold components, pulling a rope or cable.
	Gravitational	Slips, trips & falls.	Working at height, uneven or slippery surfaces, housekeeping.
Equipment	Mobile	Contact with moving equipment.	Moving vehicle, moving crane loads.
	Fixed	Contact with powered equipment.	Moving conveyors, rotating parts, hydraulic presses / guillotines, etc.
	Portable	Use & condition of portable equipment.	Water contact, rotating parts, sharp edges, electricity.
	Gravitational	Contact with falling or flying objects.	Objects falling from above, grinding, oxy cutting, rockfalls, dust.