

Plant Hazard Report

Potential Hazards

Hilco advises that the item of plant being purchased potentially contains hazards. If this item is being purchased for use, the purchaser is reminded of their legislative obligations to identify and control hazards with the plant before use

Category 1: Major Potential Hazards	
Specific warnings or conditions	<ul style="list-style-type: none"> Refer to any technical or operating manuals, SOPs, safe use instructions that are made available
Entanglement	<ul style="list-style-type: none"> Lack of guarding PPE, Hair or other body parts caught in moving parts Rotating parts
Crushing	<ul style="list-style-type: none"> Falling, uncontrolled or unexpected movement of plant or load Plant tipping or rolling over Parts of plant collapsing or failing Being trapped under or between the plant, and/or fixed structure Operating on sloping ground Person under raised plant Struck by moving parts
Striking	<ul style="list-style-type: none"> Plant disintegrating Mobility of plant travelling Work pieces thrown out Moving parts
Explosion or loss of contents	<ul style="list-style-type: none"> Gas, dust or vapour emissions Fuel tank Storage of haz chemicals/ DG's near plant Collapse or fragmentation Storage of haz chemicals/ DG's near plant Battery gas explosion Fuel fire or explosion
Fire	<ul style="list-style-type: none"> Friction Fuels Ingress of materials/fluids Build-up of materials/ lubricants Fluids / lubricants



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Category 1: Major Potential Hazards	
Hazardous fumes or vapours?	<ul style="list-style-type: none"> Exhaust fumes could cause asphyxiation if operated in confined or unventilated areas. Chemicals Haz chemicals/DG's
Dust	<ul style="list-style-type: none"> Explosive atmosphere Breathing hazard Reduced visibility
Stability	<ul style="list-style-type: none"> Working on uneven / unstable / soft ground Shifting load Overloaded Lack of plant support
Loss of load	<ul style="list-style-type: none"> Overloading Materials falling or rolling from plant Equipment on plant not secured when raising or lowering
Chemical	<ul style="list-style-type: none"> Leaking from plant Splashing Explosion



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Category 2: Moderate Potential Hazards	
Pressure	<ul style="list-style-type: none"> Hydraulic leak Fluid penetration of skin Pressure control altered or Pressure limiter failure Hydraulic system rupture or Damage
Electrical	<ul style="list-style-type: none"> Lack of insulation or isolation Contact with electrical conductors Poor earthing or Water near equipment
Cut, stab, or puncture	<ul style="list-style-type: none"> Lack of Guarding Flying objects, moving parts, pinch points or sharp edges
Shearing, between:	<ul style="list-style-type: none"> Two moving parts of the plant A part of the plant and a work piece / fixed structure A part of the plant and another object (e.g. plant or vehicle)
Abrasion, tearing or stretching, between:	<ul style="list-style-type: none"> A moving part or surface of the plant Material handled by the plant Continuous contact with moving parts
Slip, trip, or fall	<ul style="list-style-type: none"> Slippery / steep / uneven surfaces Liquid spills or solid waste materials on floor / ground Lack of slip resistant surfaces Fall from a height
Isolation of energy sources?	<ul style="list-style-type: none"> Hydraulic pressure Compressed gases Electrical feeds / capacitors Motive power systems Suspended loads
Loss of power?	<ul style="list-style-type: none"> Engine shutdown Loss of electrical supply or steering systems Ability to apply brakes and stop / lower suspended loads
Suffocation	<ul style="list-style-type: none"> Lack of oxygen Contaminated atmosphere Confined spaces or Spaces where air flow is inadequate
Extreme temperature changes?	<ul style="list-style-type: none"> Burns from engine exhaust Fire Burns through conduction / Cryogenic burns Convection Fluids overheating due to lack of maintenance
Radiation?	<ul style="list-style-type: none"> X-rays EMR Laser

Category 3: Minor Potential Hazards	
Weather	<ul style="list-style-type: none"> Wet conditions Electrical storms



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Vibration	<ul style="list-style-type: none"> ▪ Plant becomes unstable ▪ Causes physical problems for the operator whilst operating ▪ Operation could cause unacceptable vibration levels in nearby structures
Noise	<ul style="list-style-type: none"> ▪ Emit >85 dBA at the operator ▪ Effects operator communication
Light	<ul style="list-style-type: none"> ▪ At the controls or task ▪ Darkens surrounding areas
Environment?	<ul style="list-style-type: none"> ▪ Power distribution lines or Low ceiling ▪ Other plant or Co-located equipment ▪ Isolation requirements
Operator training / qualifications?	<ul style="list-style-type: none"> ▪ Training & Qualification requirements ▪ Competency assessments ▪ Documentation, including Operator's manuals ▪ Equipment experience, Product knowledge
Manual handling	<ul style="list-style-type: none"> ▪ Repetitive or sustained movements ▪ Awkward positions, strained movements or poorly designed seating ▪ Access for maintenance
Ergonomic - operating controls	<ul style="list-style-type: none"> ▪ Difficult to understand ▪ Function not identified ▪ Inappropriate controls & switches ▪ Labelling of controls and indicators



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