# Item Hazard Report

## Asset Information

| | | | |
|---|---|---|---|
| Type | Hydraulic Power Pack | Location | 117 R W Henry Dr, Ettamogah, NSW, 2641, Australia |
| Make | SPX | Model | A |
| Serial Number | 1312/ad24703 | Sale – Asset ID | A-550-15 |

## PLANT/EQUIPMENT SAFETY ADVICE TO PURCHASERS

The Occupational Health & Safety Regulations 2017 (Regulation 90) requires suppliers of plant and equipment to provide written advice to a purchaser as to condition of the item and any known safety hazards or concerns. The information provided in this report is based on a visual inspection only. No physical testing has been conducted (eg. Wire rope testing, stress testing, structural/non-destructive testing, noise testing, vibration testing, brake testing, insulation testing, etc.)
The item described within this report is being sold in an 'as-is' condition with all identified safety hazards or concerns outlined within this report.
Purchasers should conduct their own risk and hazard assessments to identify and control hazards prior to installing and/or using the equipment.

## Potential Hazards

| **Category 1: Major Potential Hazards** | |
|---|---|
| **Specific warnings or conditions** | ▪ Refer to any technical or operating manuals, safe use instructions that are made available |
| **Entanglement** | ▪ Lack of guarding<br>▪ PPE, Hair or other body parts caught in moving parts<br>▪ Rotating parts |
| **Crushing** | ▪ Falling, uncontrolled or unexpected movement of item or load<br>▪ Item tipping or rolling over<br>▪ Being trapped under or between the item, and/or fixed structure<br>▪ Struck by moving parts |

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| Category 1: Major Potential Hazards | |
|---|---|
| **Striking** | ▪ Item disintegrating<br>▪ Work pieces thrown out<br>▪ Moving parts |
| **Explosion or loss of contents** | ▪ Gas, dust or vapour emissions<br>▪ Storage of haz chemicals/ DG's near item<br>▪ Collapse or fragmentation |
| **Fire** | ▪ Friction<br>▪ Ingress of materials/fluids<br>▪ Build-up of materials/ lubricants<br>▪ Fluids / lubricants |
| **Hazardous fumes or vapours?** | ▪ Hazardous chemicals/DG's from coolants |
| **Dust** | ▪ Explosive atmosphere<br>▪ Breathing hazard<br>▪ Reduced visibility |
| **Loss of load** | ▪ Materials falling or rolling from plant |
| **Chemical** | ▪ Leaking from item<br>▪ Splashing<br>▪ Explosion |

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| Category 2: Moderate Potential Hazards | |
|---|---|
| **Pressure** | ▪ Hydraulic leak<br>▪ Hydraulic system rupture<br>▪ Fluid penetration of skin<br>▪ Pressure control altered<br>▪ Pressure limiter failure<br>▪ Damaged hydraulic system |
| **Electrical** | ▪ Lack of insulation<br>▪ Contact with electrical conductors<br>▪ Poor earthing<br>▪ Water near equipment<br>▪ Lack of isolation |
| **Cut, stab, or puncture** | ▪ Lack of Guarding<br>▪ Flying objects<br>▪ Moving parts<br>▪ Pinch points<br>▪ Sharp edges |
| **Shearing:** | ▪ Between<br>▪ Two moving parts of the plant<br>▪ A part of the plant and a work piece / fixed structure<br>▪ A part of the plant and another object (e.g. plant or vehicle) |
| **Abrasion, tearing or stretching:** | ▪ Between<br>▪ A moving part<br>▪ A moving surface of the plant<br>▪ Material handled by the plant<br>▪ Continuous contact with moving parts |
| **Slip, trip, or fall?** | ▪ Liquid spills or solid waste materials on floor / ground |
| **Isolation of energy sources?** | ▪ Hydraulic pressure<br>▪ Compressed gases<br>▪ Electrical feeds/capacitors<br>▪ Motive power systems<br>▪ Suspended loads |
| **Loss of power?** | ▪ Loss of electrical supply<br>▪ Ability to lower suspended loads |
| **Extreme temperature changes?** | ▪ Fire<br>▪ Burns through conduction<br>▪ Convection<br>▪ Cryogenic burns<br>▪ Fluids overheating due to lack of maintenance |
| **Radiation?** | ▪ X-rays<br>▪ EMR<br>▪ Laser |

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| Category 3: Minor Potential Hazards | |
|---|---|
| **Weather** | ▪ Wet conditions<br>▪ Electrical storms |
| **Vibration** | ▪ Plant becomes unstable<br>▪ Causes physical problems for the operator whilst operating<br>▪ Operation could cause unacceptable vibration levels in nearby structures |
| **Noise** | ▪ Emit >85 dBA at the operator<br>▪ Effects operator communication |
| **Light** | ▪ At the controls<br>▪ At the task<br>▪ Darkens surrounding areas |
| **Environment** | ▪ Co-located equipment<br>▪ Isolation requirements |
| **Operator training / qualifications** | ▪ Training requirements<br>▪ Qualification requirements<br>▪ Competency assessments<br>▪ Documentation<br>▪ Operator's manual<br>▪ Equipment experience<br>▪ Product knowledge |
| **Manual handling** | ▪ Repetitive or sustained movements<br>▪ Awkward positions<br>▪ Strained movements<br>▪ Poorly designed seating<br>▪ Access for maintenance |
| **Ergonomic - operating controls** | ▪ Difficult to understand<br>▪ Function not identified<br>▪ Inappropriate controls & switches<br>▪ Labelling of controls and indicators |

IMPORTANT NOTICE: It is recommended that this item be further tested, inspected or dismantled by the purchaser as necessary to assess any further hazards which are currently unknown. Under the Occupational Health & Safety Regulation 2017 it is a requirement for the plant owner, employer and operator to exercise a duty of care in the supply and safe operation of plant. Accordingly, before this item is used at any workplace it must be in a fully operational, safe and serviceable condition.

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