PLANT/EQUIPMENT/ASSET HAZARD REPORT

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R1.25
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LIQUIDITY SERVICES

Asset Description:	**EL-15060-250-022 : Brake Bleeder**		
Sale Type *For what use is this asset being sold?*	**Re-Use** ☑ **Spare Parts** ☐ **Scrap** ☐	***Note 1:*** *Assets are sold only for the use indicated. Any other use is at the buyer/recipient's own risk.*	
Inspection Date:	**26/07/2018**	**Asset Location:**	**Small Lot Auction Area**
LOT Number(s):	**HVO SLA7 - 0017**	**Serial Number:**	
Make:	**Model:**	**Maintenance Records Available? (Y/N)**	**No**
Audited By:	**Ian Odgers / Jeff Morter**	**Operations Manual Available? (Y/N)**	**No**

Hazard Category:

Item	Hazard	Applicable (Y/N)	Item	Hazard	Applicable (Y/N)	Item	Hazard	Applicable (Y/N)
1	Mechanical	Y	**10**	Slips, Trips and Falls		**19**	Failure of Power Supply	
2	Electrical	Y	**11**	Ergonomics		**20**	Servicing, Maintenance, Inspection and Monitoring	Y
3	Thermal		**12**	Working at Heights		**21**	Regulatory licensing, registration, plates and or labelling	
4	Noise		**13**	Mobile Plant and/or Traffic Management		**22**	Environmental	
5	Vibration		**14**	Hydraulic Hazards		**23**	Training	Y
6	Chemical (Hazardous Substances and/or Dangerous Goods)	Y	**15**	Pneumatic Hazards		**24**	Signage	
7	Radiation		**16**	Manual Handling	Y	**25**	Exposure Hazards	
8	Confined Spaces		**17**	Personal Protective Equipment	Y	**26**	Emergency Management	
9	Asbestos and/or Hazardous Materials		**18**	Loss of Stability/Overturning	Y	**27**	Operational Hazards (other)	

Comments:

Note 2: *This plant information has been prepared to assist the purchaser in identifying hazards associated with the plant prior to the purchaser dismantling, transporting and commissioning plant for their own intended purposes. It is recommended that the purchaser of this plant conducts a hazard identification and risk assessment and refers to the attached information which has been provided to assist the purchaser in ensuring that the plant is safe (i.e. make the necessary modifications or otherwise eliminate or control so far as practicable all risks associated with the use of the plant) and only used for the purposes for which the plant was originally designed.*

Note 3: *Each hazard assessment is based on a visual inspection only and, in some cases, observing the asset in operation in the manner that the asset was used by the seller. Unless otherwise specified, no other testing has been carried out on or in relation to the asset (e.g. stress, noise, vibration, braking efficiency, insulation, load, crack testing etc.). Consequently, this report outlines known hazards/risks for this Asset and, whilst reasonable efforts have been made to identify hazards/risks, some hazards/risks may not have been identified nor appropriate conditions detailed in this report. The buyer/recipient is responsible for conducting its own inspection and assessment of the asset prior to its sale/receipt, transport or use, and appropriately managing any hazards/risks (whether expressly identified herein or not) prior to transport or use of the asset. The conditions outlined in this report do not account for hazards/risks associated with the decommissioning, transportation, and reinstallation and new operating conditions of the asset once removed from the seller's site.*

Note 4: *The conditions below offer one approach to managing the hazards/risks associated with using the asset in the manner it was used by the seller. Other approaches may be acceptable, subject to advice from a suitably qualified professional. The buyer is required to conduct its own assessment to identify and appropriately manage any other hazards/risks before transporting or using this asset.*

Hazard Category	Hazard Description	Recommended Controls
Mechanical	ENTANGLEMENT hazards associated with clothing, jewellery, body parts, hand held objects in rotating parts, projections or gaps in moving machine, between rotating and fixed parts, and materials in motion.	Ensure entanglement hazards are eliminated or controlled by installing guards where possible in accordance with AS 4024 Safety Guarding of Machinery (or equivalent International Standard). Fixed guards should only be removable with a tool or key, solid and sturdy, permit routine adjustment/lubrication without removal where possible, shall not create hazard with sharp edges or trap points In addition, fixed guards shall not inhibit compliance with food hygiene requirements, openings, and distance guards, shall comply with reach distance detailed in AS 4024 Safety Guarding of Machinery (or equivalent International Standard) as well as other requirements associated with interlocking.
Mechanical	CUTTING hazards associated with sharp edges, sharp materials being processed, sharp edges of plant if person slips, falls or strikes edge quickly	Ensure cutting hazards associated with asset are assessed when installed (considering during testing, inspection, maintenance, cleaning or repair) and the appropriate risk controls implemented to reduce the risk and/or minimise altogether. Controls shall consider the hierarchy of controls including elimination of hazards, engineering controls and personal protective equipment (PPE)
Mechanical	CRUSHING hazards associated with moving parts of machine, and fixed structures, materials falling, plant falling, material moving on plant, machine and materials being processed.	Ensure crushing hazards are eliminated by installing appropriate controls including but not limited to guarding, ensuring goods are secure, all elements of the plant are contained and not exposed. Fixed guards should only be removable with a tool or key, solid and sturdy, permit routine adjustment/lubrication without removal

		where possible, shall not create hazard with sharp edges or trap points In addition, fixed guards shall not inhibit compliance with food hygiene requirements, openings, and distance guards, shall comply with reach distance detailed in AS 4024 Safety Guarding of Machinery (or equivalent International Standard) as well as other requirements associated with interlocking.
Manual handling	Processes associated with the use of this equipment/asset/plant may result in hazardous manual handling including but not limited to the application of repetitive force, sustained force, high or sudden force, awkward posture and repetitive movement.	Ensure manual handling risk assessments are undertaken associated with the use of this asset/equipment/plant and ensure the appropriate risk controls are implemented prior to using the equipment.
Chemicals (Hazardous substances and/or Dangerous Goods)	The presence of chemicals classified as hazardous substances or dangerous goods within the asset may result in contact with skin, inhalation, ingestion and other related exposure routes.	Undertake an assessment of chemicals classified as either hazardous substances or dangerous goods associated with this asset/equipment and ensure all hazards and risks are eliminated or controlled considering the hierarchy of controls and including but not limited to ventilation, extraction, personal protective equipment (PPE) and administrative controls.
PPE	The use of this equipment/asset/plant item without the appropriate personal protection equipment (PPE) may result in an injury to the operator.	Identify type of PPE required to be worn associated with the use of this equipment/asset/plant item and provide instruction/information regarding the use, storage, care and maintenance of PPE (e.g. eye & hear protection, dust mask etc.).
Loss of stability/overturning	Overturning hazards associated with this asset/equipment/plant exist if not operated correctly.	Undertake an assessment of the asset/plant/equipment and ensure it is fit for purpose incorporating ergonomic principles, allows safe access to various components for maintenance, adjustment, repair and cleaning, minimises the build up of unwanted substances or materials that create a risk and minimises the risk of unintended overturning or a falling object contacting the operator and, if there is a risk of the plant overturning, objects falling on the operator or the operator being ejected, appropriate protective devices are incorporated in the design.

Electrical	Electrical Shock hazards associated with contact with electricity, including unprotected live circuits, unlocked electrical cabinets, inadequate space surrounding conductor, damaged or defective conductors, overloaded circuits, water or combustible medium contacting live conductors.	Undertake an assessment of the asset/equipment to ensure all electrical risks are managed including but not limited to ensuring all electrical leads, circuits, conductors and wiring is safe and conforms to AS/NZS 3000:2007 - Electrical installations, AS 60204.1—2005 - Safety of machinery—Electrical equipment of machines or an international equivalent standard. Ensure all staff that work on electrical equipment are appropriately trained and qualified. Ensure the appropriate safety switches are in place (Earth Leakage Protection) and that the appropriate processes are in place associated with live testing, maintenance and testing of equipment and Personal Protective Equipment (PPE) is worn as required.
Electrical	Electrical shock hazards associated with batteries and coming into contact with correctly or incorrect wired powered batteries.	Ensure an assessment of the battery installation is undertaken and complies with the appropriate standards including but not limited to AS 1915-1992 Electrical equipment for explosive atmospheres - Battery-operated vehicles and/or an equivalent international standard.
Electrical	Electrical Shock hazards associated with improper grounding	Ensure the installation of asset includes appropriately grounding in accordance with AS/NZS 3000:2007 - Electrical installations, AS 60204.1—2005 - Safety of machinery—Electrical equipment of machines or an international equivalent standard.
Electrical	Electrical Shock as a result of not applying proper safety precautions	Ensure only appropriately trained and qualified staff undertake electrical work and ensure the following safety precautions/equipment are followed/used: - Personal protective equipment (PPE) - Inspect tools - Ground fault circuit interrupters (GFCIs) - Lock-out/tag-out
Electrical	Electrical inspection of asset/equipment not maintained in accordance with AS/NZS 3760: In Service Safety Inspection and Testing of Electrical Equipment	Ensure inspection and testing of asset/equipment occurs in accordance with AS/NZS 3760: In Service Safety Inspection and Testing of Electrical Equipment or equivalent International Standard prior to use to ensure safe operation of the equipment.

Service, maintenance, inspection & monitoring	No maintenance, service, inspection or monitoring records available.	Ensure the appropriate maintenance, inspection and monitoring of the asset/plant/equipment is undertaken in accordance with the manufacturer's and designer's requirements. Ensure the appropriate facilities and systems of work are in place to ensure the safety of persons who perform the maintenance, inspection and cleaning . If access to the plant is required to perform these tasks, the plant must be stopped and one or more of the following measures must be used to control the risks, lockout or isolation devices, danger tags, permit to work systems or other control measures.