

Hazard Register



Type	CONCRETE BOOM PUMP	Location	Grays Online
Make	SPIDER	Sale Number	7040410
Model	HYDRAULIC	Lot Number	0014
Serial Number		Vendor	110494-5

ID	Hazard Type	Hazard Description
132043.1	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces, exits, rotating fans etc). Regular inspection and replacement of warning labels is required
132043.2	Plant Controls	Unauthorised operation of plant (keys left in the ignition)
132043.3	Traffic Management	Mobile plant and pedestrians are to be adequately separated to avoid impacts. Traffic management plan to be developed and implemented
132043.4	Skills	Plant operated by employees without suitable instruction and training
132043.5	Skills	Ensure only competent / skilled personnel have access and use of the plant.
132043.6	Work Space	Insufficient space (vertical & horizontal) to allow plant to be operated in a safe manner.
132043.7	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces, exits etc). Regular inspection and replacement of warning labels is required
132043.8	Emergency Stop	Operator not able to stop plant operation in an emergency situation. Ensure plant is fitted with an appropriate emergency stop device in accordance with AS 4024 Safety of Machinery
132043.9	Plant Operation	Operator is not provided with Standard Operating instructions - attach instruction in a clear and prominent position
132043.10	Plant Maintenance	Ensure all hoses and services are adequately labelled and identified
132043.11	Guarding	Ensure all fastening mechanisms used to attach plant guards do not allow them to be easily removed. Demountable parts of guards shall only be removable with the used of a tool not normally available to the operator as specified in AS 4024 Safety of Machinery
132043.12	Compressed Air	Operator contact with compressed air under high pressure, due to plant failure or misuse of plant
132043.13	Plant Maintenance	Not isolating, de-energising plant before commencing cleaning and/or maintenance activities.
132043.14	AIRBOURNE	Airbourne dust particles and other chemicals associated with the plant and/or process. Document risk assessment of chemicals associated with the plant and refer to MSDS. Dust extraction system to be fitted and provide eye and breathing PPE as appropriate.
132043.15	High Pressure Fluid	Person may come into contact with fluids under high pressure, due to plant failure or misuse of the plant
132043.16	Noise	Operator exposed to a work environment where noise levels exceed specified maximum levels. e.g. <85dB(A). Sound Pressure Level (SPL) testing (noise) should be conducted at operators work station
132043.17	Guarding	Ensure pump area where hand access to the auger is possible a guard is provided in accordance with AS4024: Safety of Machinery
132043.18	Guarding	All plant interlocks should be routinely tested and inspected
132043.19	Labelling hoses	Ensure air, oil and lubricant lines are appropriately identified and labelled as per AS1345: Identification of the contents of pipes, conduits and ducts.

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132043.20	PPE	Operator injury resulting from not wearing provided PPE, wearing poorly maintained PPE, wearing insufficient or inappropriate PPE
132043.21	Plant Rollover	Plant may roll/topple over if plant is incorrect position or operated on unstable/uneven ground. Ensure plant is fitted with stabiliser warning labels
132043.22	Process Manual	Obtain and read manufacturers instructions (incl. manual handling risk exposures) for the plant.
132043.23	Plant Maintenance	Ensure battery terminals are covered and protected
132043.24	PPE	Operator injury could result from not wearing provided PPE, wearing poorly maintained PPE, wearing insufficient or inappropriate PPE
132043.25	Burns	Burns resulting from operator contact with surfaces at high temperatures. Ensure exhaust is labelled to provide warning to hot surfaces
132043.26	Plant Operation	Plant and associated equipment should be routinely cleaned and inspected
132043.27	Registration	Plant must have up to date registration of plant with the WHSQ.

Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Grays for the purchaser of the plant item as required by National WHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that all reasonably practicable hazards have been identified given due consideration to:

- state of knowledge about the plant item
- the availability and suitability of ways to eliminate or control the hazards
- the cost of evaluating, eliminating or controlling the hazard

Consequently, if this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to involve and consult with employees in identifying foreseeable hazards, assess their risks and to take action to eliminate or control the risks.

In order to assess the risk, it is necessary to consider for all the identified hazards, the chance (likelihood) of something happening that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser in consistently carrying out an assessment of risk:

Likelihood	Consequences
<ul style="list-style-type: none">• Frequency and duration of exposure• Probability of occurrence of hazard or event (including part history of incidents)• Possibility to avoid / minimize or limit the damage, impact or harm• Reliability and effectiveness of existing / established systems of control	<ul style="list-style-type: none">• Assume “worst case” injury, but also competent follow-up medical and rehabilitation support• Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured• Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point• Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area• Are temperatures of plant, or chemicals, likely to further injure entrapped person

The outcome of the risk assessment will be a prioritised list of risk control strategies and actions consistent with the following ratings:

Low risk- may be considered acceptable, where the existing controls in place are seen to be effective, requiring periodic monitoring for effectiveness.

Medium risk- considered to be unacceptable and requiring additional risk controls within medium to long term.

High risk – considered to be unacceptable and requiring action within the short to medium term.

Extreme risk – unacceptable, where immediate action required.

In all of these cases employees/operators must be made aware of the risk controls in place to protect them from the hazards.