



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00190
Model No: CBS114E
Plant Name: ELECTRIC BRICK SAW CBS114E
Manufacturer: Crommelins Machinery WA
Manufacturer's Website: www.crommelins.com.au
Web Link for Plant: www.crommelins.com.au
Potential noise level in dB: 95 to less than 100
Required hearing protection class: 3
Mandatory Personal Protective Equipment:



CROMMELINS™
MACHINERY



Foot Protection



Hearing Protection



Protective Clothing



Safety Goggles

RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Noise hearing damage due to excessive noise.	Medium/Low	<ul style="list-style-type: none"> Hearing protection with a rating of 20db must be worn.
Electrical hazard due to risk of electric shock.	Medium/Low	<ul style="list-style-type: none"> Ensure the plant is connected to a circuit protected by a safety switch. Check the motor and switchgear for any broken or cracked parts that may allow the intrusion of water. Do not wash the motor or its components with water. Do not use with faulty leads or plugs. Ensure equipment is tested/tagged for compliance with electrical safety testing requirements.
Cutting, stabbing and puncturing due to coming into contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant.	Medium/Low	<ul style="list-style-type: none"> Ensure the blade is securely attached and in the correct rotation. Ensure the diamond blade selected is correct for the material being cut.
Exposure to dust.	Medium/Low	<ul style="list-style-type: none"> Ensure adequate water supply to the saw to minimize dust. Wear dust mask if required.
Slipping or tripping due to poor housekeeping, uneven or slippery ground.	Medium/Low	<ul style="list-style-type: none"> Ensure the work area is kept clear of rubble and take care if the ground is wet around the unit.

Cutting, stabbing and puncturing due to coming into contact with cutting blade.	Medium/Low	<ul style="list-style-type: none"> • Ensure that hands are kept well clear of the rotating blade during operation.
Striking due to being struck by particles of cut material.	Medium/Low	<ul style="list-style-type: none"> • Ensure protective clothing and safety glasses are worn during operation.
Crushing due to the plant tipping over.	Medium/Low	<ul style="list-style-type: none"> • Ensure the plant is on level and stable ground.
Entanglement, due to hair, clothing, jewellery, or other materials becoming entangled with moving parts of the plant.	Low	<ul style="list-style-type: none"> • Ensure that loose clothing, power cords, etc are kept well clear of the operating plant.
Customer Identified Hazard(s)		
<hr/>		
<hr/>		
<hr/>		

Key Operating Instructions

Before commencing operation ensure that:
The motor switch is in the OFF position.

To commence operation:

Place the material on the sliding table ensuring the material is clear of the blade.

Turn the motor switch to ON.

Check that water is directed onto both sides of the blade.

Set the cutting head so the blade is just below the top of the sliding table.

While holding the material securely against the front edge of the table, keeping both hands away from the cutting position of the blade, slide the table through the blade with a steady pressure.

Do not force the blade, if the material does not cut easily the selection of blade could be incorrect for the material being cut.

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

Once printed this is an uncontrolled copy.