



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00404

Model No: D32EHMS, D56EHMS, D69EHMS, D8E

Plant Name: CROMMELINS DIESEL MINE SPEC GENERATORS

Manufacturer: Crommelins Machinery WA

Manufacturer's Website: www.crommelins.com.au

Web Link for Plant: www.crommelins.com.au

Potential noise level in dB: 100 to less than 105

Required hearing protection class: 4

Mandatory Personal Protective Equipment:



THE CROMMELIN GROUP



Foot Protection



Hearing Protection



Protective Clothing

RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Explosion or fire from fuel vapours.	Medium	<ul style="list-style-type: none"> Stop the engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while servicing or refuelling this machine.
Exposure to ultraviolet radiation if working outdoors.	Medium/Low	<ul style="list-style-type: none"> Wear sunscreen, hat, long sleeves and long trousers.
Manual handling hazard.	Medium/Low	<ul style="list-style-type: none"> These units require a multiple lift. Do not attempt a single person lift. Use correct lifting techniques. It is recommended to use the lifting bar provided for a mechanical lift. Weight 75+ KGS.
Inhaling exhaust or fuel fumes.	Medium/Low	<ul style="list-style-type: none"> Only operate in a well ventilated area. Do not operate in a confined space. Avoid breathing diesel fumes. Avoid skin contact with the fuel.

Coming into contact with hot parts of the engine.	Medium/Low	<ul style="list-style-type: none"> The muffler is fitted with a heat shield. Let the engine cool down before attempting any maintenance. Avoid contact with hot components.
Electrical hazard.	Low	<ul style="list-style-type: none"> The unit is fitted with an electrical safety switch. Ensure testing of the safety switch is carried out before each use. Press the test button to check. Do not operate in contact with water. Do not operate with faulty leads or equipment. Ensure the unit is tested/tagged in compliance with electrical safety testing requirements.
Coming into contact with moving parts.	Low	<ul style="list-style-type: none"> All moving parts are protected. Do not remove guards or covers
Hearing damage from excessive noise.	Low	<ul style="list-style-type: none"> The operating unit is 102dba. Hearing protection is required within 6mtrs of the operating unit. Class 4 hearing protection must be worn.
Do not use on inclines of more than 20 degrees		<ul style="list-style-type: none"> Ensure the equipment is operated on a stable, level surface. If equipment is operated on a slope, engine seizure may occur due to improper lubrication, even with max. oil level and functioning oil protection system. Fuel spillage may also occur.

Customer Identified Hazard(s)

Key Operating Instructions

Use diesel fuel only.

To start, ensure speed lever is at max set position.

Turn the switch to ON, wait until all lights have stopped flashing, then start.

*The unit is factory set to provide the correct power supply, do not reduce the throttle or adjust the speed setting as this will reduce the output required to power the appliance.

Do not overload the generator or attempt to power an appliance beyond the output capability of the generator.

Use only heavy duty 15amp extension leads, keep the length to a minimum.

If the safety switch trips disconnect the appliance and check for faults.

Test the operation of the safety switch before using by pressing the test button on the switch.

To stop the machine turn the switch to off.

SAFETY STOP - These models are fitted with a safety stop

BATTERY ISOLATOR - Ensure battery isolator is unlocked before starting the Generator

1KG FIRE EXTINGUISHER -

BUNDING - This model is fitted with bunding to collect any potential spills or leaks from the Generator
Please refer to the User Guide and Operator's Manual for Operating Instructions

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.