

### PLANT INFORMATION

**PSA Ref #:** 00279

**Model No:** DU53D

**Plant Name:** CROMMELINS DIESEL DRIVEN DRIVE UNIT DU53D

**Manufacturer:** Crommelins Machinery WA

**Manufacturer's Website:** [www.crommelins.com.au](http://www.crommelins.com.au)

**Web Link for Plant:** [www.crommelins.com.au](http://www.crommelins.com.au)

**Potential noise level in dB:** 95 to less than 100

**Required hearing protection class:** 3

**Mandatory Personal Protective Equipment:**



Foot Protection



Hearing Protection



Protective Clothing



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### 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"> <li>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 inspection for fuel leaks and repair before operation. Keep flammables away from the engine. Warning label on engine. Do not smoke while operating, servicing or refuelling this machine.</li> </ul>
Exposure to ultraviolet radiation if working outdoors.	Medium	<ul style="list-style-type: none"> <li>Wear sunscreen, hat, long sleeves and long trousers.</li> </ul>
Manual handling hazard.	Medium/Low	<ul style="list-style-type: none"> <li>Use two people to lift. Do not attempt to lift by one person. Weight 47 kgs.</li> </ul>
Hearing damage from excessive noise.	Medium/Low	<ul style="list-style-type: none"> <li>Hearing protection with a rating of 20db must be worn.</li> </ul>
Contact with hot parts of the engine.	Medium/Low	<ul style="list-style-type: none"> <li>The muffler is fitted with a heat shield. Let the engine cool down before attempting any maintenance. Avoid contact with hot components. Warning label on engine.</li> </ul>

Inhaling exhaust or fuel fumes.	Medium/Low	<ul style="list-style-type: none"> <li>Operate only in a well ventilated area. Do not operate in a confined space. Avoid breathing diesel fumes. Avoid skin contact with fuel. Warning label on engine.</li> </ul>
Coming into contact with moving parts.	Low	<ul style="list-style-type: none"> <li>All moving parts are shielded. Do not remove guards or covers.</li> </ul>
Do not use on inclines of more than 20 degrees		<ul style="list-style-type: none"> <li>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.</li> </ul>

**Customer Identified Hazard(s)**

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**Key Operating Instructions**

Use diesel fuel only.  
 To START, turn on the fuel tap by moving the lever to the down position.  
 Ensure the throttle on the engine is in the ON position. (Fast)  
 Start the engine by pulling the recoil rope.  
 (If the unit is electric start use the key switch to start and stop)  
 Ensure that the connecting end is securely engaged and properly latched into the drive unit.  
 Take care not to overspeed the flexible shaft or damage could result.  
 To STOP, return the throttle to stop position and turn off the fuel tap.

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.

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