

# SAFETY/RISK/HAZARD ASSESSMENT

## PLANT INFORMATION

<b>NHG Ref/Part No.</b>	<b>CHIPP2</b>
<b>Plant Name:</b>	<b>Red Roo Wood Chipper</b>
<b>Potential Noise Level in Db:</b>	<b>110db to less than 115db</b>
<b>Required hearing protection class:</b>	<b>5</b>
<b>Operator Competency:</b>	<b>Plant Licence Not Required</b>



Protective  
equipment  
must be worn  
when operating  
this machine



## RISK ASSESSMENT INFORMATION

### Potential Hazard(s)

#### Injury from contact with moving parts

Risk Level	High
Control Measures	<p>All users should familiarise themselves with the safe operation and emergency shutdown procedures of the equipment.</p> <p>Exclude non-essential persons from work area.</p> <p>Position the machine on level ground and chock wheels if required.</p> <p>Ensure machine is positioned away from steep slopes that may alter the feed in height, thus affecting the operation of the safety bar.</p> <p>Ensure all loose clothing, body parts, hair and equipment such as ropes are kept well clear of the operating machine.</p> <p>Use a stick or broom handle to feed material into the chipper, never your hands!</p> <p>Do not stand directly behind the machine when operating and always feed material into the machine while standing to one side of the feed in table.</p> <p>Ensure there are no trip hazards immediately in front of the feed in table.</p> <p>Do not reach into chipper. Turn machine off, allow to come to a complete stop and remove keys before attempting to dislodge jammed materials.</p> <p>Do not allow persons to stand near discharge chute.</p>

#### Hearing Damage

Risk Level	Medium/High
Control Measures	Hearing protection with a rating of SLC80db 26-360Db must be worn. Note warning label on unit.

#### Explosion or fire from fuel vapours

Risk Level	Medium
Control Measures	Stop 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 operating, servicing or refuelling this machine.

#### Injury or ill health due to exposure to exhaust or fuel fumes

Risk Level	Medium
Control Measures	Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

#### Exposure to ultraviolet radiation if working outdoors

Risk Level Medium  
Control Measures Wear sunscreen, hat, long sleeves and long pants.

**Burn hazard**

Risk Level Medium/Low  
Control Measures Wear protective clothing during operation. Avoid contact with hot components.  
Never operate the engine with heat shields removed.

**Manual handling hazard**

Risk Level Medium  
Control Measures Take care when transporting.  
Two people are required to lift and transport the machine.

**KEY OPERATING INSTRUCTIONS**

**STARTING THE ENGINE**

1. Turn the both the fuel valve and operation switch to ON
2. Move the throttle control lever to the choke position
3. Move the throttle speed lever to the fast position
4. Firmly hold the handle of the starter rope, pull the starter cord slowly until resistance is felt, then pull rapidly.
5. If the engine does not start, repeat the above step until the engine fires.
6. Once the engine starts immediately turn the throttle lever (choke) to Run

**STOPPING THE ENGINE**

1. Move the throttle speed lever to the slow position
2. Shut the fuel valve
3. Turn the operation switch to OFF

**Please refer to the User Guide and Operators Manual  
for detailed Operating Instructions**

*The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.*