

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

Plant ID: HITGRI2

Plant Name: Grinder – Hitachi with dust shroud

Potential Noise Level in Db: 100 – 110db

Required hearing protection class: 5

Operator Competency: Plant Licence Not Required
It is the hirer's responsibility to ensure that all operators are competent.

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



Protective
equipment
must be worn
when operating
this machine



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

Electrocution

Risk Level	Medium
Control Measures	Avoid having body contact with lightning-conductors and metal in the ground.

Exposure to ultraviolet radiation if working outdoors

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

Injury

Risk Level	Medium/Low
Control Measures	Ensure hands, feet and loose clothing are kept clear from moving parts of the power tool. Do not remove guards or covers. Do not operate equipment under the influence of alcohol or drugs Check area for any loose material or foreign objects which may damage the machine and/or become airborne Beware of debris ejected from the work piece. Ensure leads are stowed safely and does not present a trip hazard Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.

Ill health due to dust inhaled

Risk Level	Medium
Control Measures	Always provide for good ventilation. Use an approved dust mask to avoid inhaling excessive amount of dust formed whilst grinding.

Hearing Damage

Risk Level	Low
Control Measures	Hearing protection with a rating of 110Db must be worn.

KEY OPERATING INSTRUCTIONS

OPERATION

1. Before connecting to power source, check all connections, and place dust shroud around the grinder arbor (hoze nozzle should be at upper right when looking down at the grinder). Slowly tighten screws on the adaptor ring and make sure the spacer washer is centred around the blade nut.
2. Before starting the grinder – check the grinding plate being used is suitable for the material being ground AND that they are correctly balanced.
3. Check the grinding plates being used are in good order and properly attached, with all countersunk bolts firmly in place. Check this occasionally during use, as they can work loose during operation.
4. Check that all tri-knobs and the folding handle latch are tight and firm.
5. Raise the grinding plates from the floor.
6. Start the motor by pressing the switch on the starter box.
7. Lower the grinding plate and commence grinding.

To turn OFF the machine, raise the grinding plates from the floor and press the stop button on the starter box.

**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.