

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

Plant ID: 4INCHGRI1

Plant Name: Bosch 4 inch Grinder

Potential Noise Level in Db: 90 – 95db

Required hearing protection class: 2

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	High
Control Measures	Do not operate near or in contact with water. Do not operate on faulty leads or equipment. Ensure equipment is tested & tagged for compliance with electrical safety testing requirements. Avoid contact with electrical cables, lightning-conductors and metal in the ground.

Injury caused by contact with moving parts, ejected debris or sparks

Risk Level	Medium/High
Control Measures	Wear appropriate safety clothing & equipment. 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, drugs, medication or fatigue. Beware of debris ejected from the work piece and ensure sparks are away from flammable substances. Ensure leads are stowed safely and does not present a trip hazard. Set up an exclusion zone around the work area, and ensure all non-essential persons, including children are kept clear at all times. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.

Exposure to ultraviolet radiation if working outdoors

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

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	Medium
Control Measures	Hearing protection must be worn.

KEY OPERATING INSTRUCTIONS

OPERATION

1. Always ensure machine is turned off at the power source before attempting to change cutting wheels.
2. Always use both hands when operating the grinder.
3. Always run new wheels for one minute to ensure wheel isn't defective before attempting to cut the work piece.
4. Orient the work so that the wheel spins away from, not into sharp edges.
5. Orient the work piece so that debris is directed downward.

**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.