

# ANGLE GRINDER

## Lithium Ion Battery Powered



Hire Industry Association of New Zealand (Inc.)

### 1 ALWAYS USE COMMON SENSE

This Equipment Safety Data Sheet is intended as a guide only for the safe operation of this grinder. It does not override Worksafe recommendations or the manufacturers recommendations or any other industry requirements. This sheet is not a substitute for an instructional lesson from a competent teacher. If you are unsure about any aspect of this equipment or its capabilities or its suitability, or if you are in doubt as to its proper usage you must contact one of the Hire Centre Employees or an industry expert before continuing.

### 4 IMPORTANT HAZARDS



- **RISK OF AMPUTATION!** Never operate the grinder anywhere near hands, fingers or feet.
- **PROJECTILES!** Sparks may cause serious injury. Blade may fracture! Ensure safety guard is fitted. Wear suitable protective clothing including eye and face protection. Observe exclusion zone.



- **RISK OF FIRE OR EXPLOSION!** Sparks and Hot Debris! Remove all flammable material from the work area and shield debris field. Never touch the grinding disc or work area.
- **MAJOR DUST HAZARD!** Risk of inhaling dust and noxious fumes. Use dust extraction methods and an approved dust mask.



- **RISK OF ENTANGLEMENT!** Never wear loose fitting clothes or jewellery. Tie back long hair. If a blockage occurs, wait for grinder to come to a complete stop and remove battery before clearing obstructions.



### **! DANGER!**

- **Danger!** Noises levels exceed 105dB. Always wear Class V hearing protection. Consider shielding others from the noise.
- Never remove or over-ride the guarding, switch or safety features of this grinder. If in doubt, do not use this grinder.
- Ensure switch in 'off' position before inserting battery. Starting grinder may cause sudden movement and loss of control.
- **Fatigue Warning :** Do not operate continuously for long periods. Excessive use of grinders can result in vibration-induced effects. Determine the vibration limit of this machine and do not exceed daily limit. Never operate in wet conditions.
- Never operate this equipment if you are under the influence of alcohol, drugs, medications or any substances capable of impairing your abilities. Minimum age 18 years.

### 2 PLANNING FOR SAFETY

If you are collecting this equipment for someone else please make sure this sheet is given to the equipment user to read. This sheet should be given to the site supervisor if the equipment is being hired for commercial use so that the information is available to all users.

- › **Before starting, take time to plan and identify the job hazards.**
- › **Always conduct a pre-start risk assessment.**
- › **Inspect the work site and surroundings, and ensure the work area is safe and any flammable material has been removed.**
- › **Think through the steps.**
- › **Identify all potential hazards and assess the risks.**
- › **Determine the necessary control measures.**
- › **Ensure you are adequately trained for the task and this is the right tool for the job.**
- › **Communicate to everyone.**

### 3 PERSONAL PROTECTIVE EQUIPMENT



**HEARING PROTECTION**  
Noise exceeds 109 dB.  
Class V hearing protection mandatory



**EYE & FACE PROTECTION**



**PROTECTIVE GLOVES**



**PROTECTIVE FOOTWEAR**



**DUST MASK REQUIRED**  
Especially for any concrete or asbestos-containing material

**APRON AND ADDITIONAL CLOTHING MAY BE REQUIRED**

### 5 EXCLUSION ZONE

#### WORK SITE PRECAUTIONS

Before commencing work ensure you have a First Aid Kit and Fire Extinguisher readily available, and that you can call 111 in an emergency.

#### **IN EMERGENCY DIAL 111**

This machine is designed to be operated by ONE person only. No one else allowed in the exclusion zone when using the grinder.

- **ASBESTOS DUST HAZARD** - Any person performing work that may contain asbestos must get the material tested before starting work. Any work involving asbestos-containing material or the removal of asbestos must be done so in strict compliance with NZ Regulations. Your Hire provider DOES NOT have facilities to decontaminate asbestos from equipment and therefore this grinder cannot be used on asbestos containing material. Failure to comply may expose others to unnecessary risk and may result in a prosecution under the H&S legislation.



**BATTERY WARNING:**  
Ensure Lithium -Ion batteries are stored so that battery terminals do not touch conductive material and do not arc or short-out. Keep batteries dry and away from direct sunlight. Never use a Li-ion battery if dropped from a height or immersed in water or if it shows signs of visible damage or leakage.



**DANGER!** Before starting work check disks are correct size, meet speed rating and intended use. Inspect discs for any cracks or defects. If in doubt replace disc.



**FIRST AID KIT**