



SAFE OPERATING PROCEDURE

CORDLESS ANGLE GRINDER



DO NOT use this machine unless a Technical Officer or correctly inducted staff member has instructed you in its safe use and operation and has given you permission.



Safety glasses and a face shield as well as a P2 Mask must be worn.



Appropriate hearing protection (*Class 5-SLC₈₀>26 dB*) must be worn.



Appropriate footwear with substantial uppers must be worn



Long or loose hair must be tied back and contained. Wear leather gloves to handle hot metal



Remove rings, dangling jewellery



Close fitting clothing + a correctly tied and fitted work apron must be worn.

Anyone entering the work area whilst the grinder is being used must also wear the above PPE

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure there is a designated work area preferably behind a screen or physical barrier so no hot sparks can hit equipment, furniture or others in the room. Ensure there are no trip/slip hazards present.
2. Remove any flammable liquid / materials from the work area.
3. This tool is intended to function as a grinder, sander, wire-brush or cut-off tool. Only use the correct sized Makita Branded accessories for this tool.
4. Ensure the grinding disc / accessory is intact and is correct for the material to be worked on.
5. Ensure that the accessory guard is intact and positioned so the least amount of accessory is exposed towards the operator. Securely fit the auxiliary handle.
6. Ensure you are familiar with the operation of the ON/OFF switch and the Electronic torque control function. [Refer to the QR code above for the operation manual.](#)
7. After inspecting and installing an accessory, position yourself and others away from the plane of the rotating accessory and run the power tool at maximum no-load speed for 1min. Damaged accessories will generally break apart during this test.

OPERATIONAL SAFETY CHECKS

1. Do not support your material by hand. Ensure the material to be worked on is securely supported and at good working height. Never place your hand near the rotating tool.
2. Maintain a firm grip on the tool with both hands, one on the auxiliary handle. Position your body and arm to allow you to resist kickback forces from the tool.
3. Allow the grinder to reach operating speed, then apply load gradually.
4. Do not apply excessive force to the material being worked on. Maintain steady footing at all times. **DO NOT** walk with the tool in operation.
5. If the accessory breaks, stop tool immediately. Do not lay the tool down until the wheel has come to a complete stop.
6. Remove the battery before fitting a new accessory.

HOUSEKEEPING

1. After use, return the battery for recharging. Clean all debris and dispose of in correct bins.
2. Place the cleaned tool to safe storage.
3. Leave the workspace in a safe, clean and tidy state.

POTENTIAL HAZARDS

- Moving, sharp parts
- Electricity
- Heat or friction burns, cuts
- Dust or fumes
- Eye injuries
- Noise

FORBIDDEN DO NOT operate this equipment under the influence of alcohol or other drugs

Date of last review: _____ Signature: _____

Relevant: Legislation/Guidelines/Standards WHS Act 2011, WHS Regulations 2011. <https://www.safework.nsw.gov.au/>