

Grinders

scope

This guide sets out our minimum operational requirements for the use of any grinder and highlights key safety steps

The risk control plan and operator manual should also be referred to

operator qualifications, skills and training

Only operate if trained and competent to do so

- This should include site based training, industry experience or an industry qualification
- Supervised use by a competent operator is permitted while under training



hot work permit required

unless there is no risk of fire / explosion or operating in an approved hot work area

minimum PPE requirements



additional PPE based on risk assessment controls



used when exposed to dust not controlled by other means

flame-retardant overalls



Disk checks

- Check that the disc is fitted correctly, its date is current and it is appropriate for the task & material
- The disc's RPM's must be HIGHER than the grinder's RPM's



Speed (RPM) check



- Check that the disc's RPM's is HIGHER than the grinders RPM's



Electrical checks



- Check the trigger is off before plugging in
- Visually check that the power lead is in good condition and the electrical tag is current.
- Keep the lead clear of the grinder before starting and during the work - RCD required

Functional checks

- Check that all guards and handles are fitted, secure and functional



Work positioning

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- Ensure that what is being cut is secured against movement

Work positioning continued

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- Operate with **BOTH** hands and have stable footing

Work positioning continued

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- Where possible, hold the grinder to the side of your body and arrange the guard to guide the sparks away from yourself
- Where possible cut in the same direction as the disc's rotation

Disc protection

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- Ensure the disc has stopped spinning before placing the grinder down

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Additional controls

Continually monitor the risks and review and adjust the controls as needed for the duration of the work

- Know what to do in an emergency



scan or click for more info and video

