

H&S Manager: Wesley Jameson

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Battery Operated Impact Wrench

Battery-operated impact wrenches are used for approved fastening and removal of nuts and bolts. High torque can cause sudden tool movement, flying sockets and hand injuries.



Personal Protective Equipment

 Ear Protection	 Cut 5 Gloves	 Steel toe capped boots	 Hi-vis Clothing	 Goggles/ Faceshield
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FAILURE TO WEAR EYE PROTECTION MAY RESULT IN DISCIPLINARY ACTION

Potential Hazards

- Sudden reaction torque
- Flying or incorrectly fitted sockets
- Pinch/crush injuries
- Dropped components
- Noise and vibration
- Battery overheating or damage

Before Use

- Inspect the impact wrench, anvil, socket and battery for damage.
- Use only impact-rated sockets and approved accessories.
- Ensure the socket is fully seated and retained.
- Remove the battery before changing sockets or making adjustments.
- Check the fastener and workpiece are stable.
- Keep hands clear of pinch points.
- **Faulty equipment must not be used. Immediately report any faulty/damaged machinery.**

During use

- Maintain a firm grip and balanced stance.
- Position the socket squarely on the fastener before operating.
- Apply power gradually and keep clear of the reaction path.
- Do not use excessive force or unapproved extensions.
- Never hold the socket or fastener by hand while operating.
- Keep other people clear of the work area.
- Stop if the tool, socket or battery becomes excessively hot or vibrates abnormally.

After Use

- Release the trigger and allow the tool to stop.
- Remove the battery before changing sockets, cleaning or storage.
- Inspect the wrench, socket and anvil for damage or wear.
- Clean and store equipment securely.
- Recharge batteries using the approved charger only.

Battery Safety

- Use only manufacturer-approved batteries and chargers.
- Inspect batteries for cracks, swelling or other damage before use.
- Never use damaged batteries.
- Protect batteries from excessive heat, water and impact.
- Do not short-circuit battery terminals.
- Store batteries in a cool, dry location.
- Remove the battery before transporting, cleaning, adjustments or storage where practicable.
- Report overheating, smoking or battery damage immediately.

Emergency Procedures

- Stop work immediately if the equipment malfunctions or becomes unsafe.
- Report all accidents, near misses and equipment damage to your supervisor.
- For cuts, crush injuries, injection injuries, electric shock or other serious injury, seek First Aid / emergency medical assistance as appropriate.
- For battery overheating, smoking or fire, isolate the equipment if safe, raise the alarm and follow site emergency procedures..

Safe Operating Rules

- ✓ Use impact-rated sockets only.
- ✓ Remove battery before changing sockets.
- ✓ Maintain a firm grip.
- ✓ Keep hands out of pinch points
- ✓ Inspect before every use.
- ✓ Never use damaged batteries.

Competency Sign off Form



Report all accidents, injuries and near misses to your supervisor / H&S. You can also scan the QR codes below.

