

SAFE OPERATING PROCEDURE

Task/Equipment description: Cement Mixer – Electric or Fuel

Example picture





Potential Hazards and Risks

- Musculoskeletal injuries
- Moving/rotating parts
- Entanglement
- Crush points
- Electrical hazards
- Hazardous chemical exposure
- Hazardous dust

Do not use this equipment unless you have been trained in its safe use and operation.

Required Personal Protective Equipment (PPE)

	Gloves	Hearing Protection	Head Protection	Eye Protection	Eye (UV) Protection	Safety Footwear	FaceVisor / Welding	Dust Mask	Half Face Mask (P2)	Breathing Apparatus	Hi-Vis Apparel	Full Body Clothing	Harness
PPE ✓													
	✓	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>

Other PPE (describe):

ALWAYS

- Secure any loose items of clothing and tie loose hair back prior to use.
- For fuel powered cement mixers, operate in outdoor, well-ventilated areas only
- For Electric powered Cement Mixer, Check leads are in good condition with no damage and are inspected, tested and tagged.
- Ensure that the cement mixer is maintained in accordance with the operator's manual and that operators are familiar with the operator's manual prior to operation.

NEVER

- Never attempt to move the cement mixer while in operation.
- Never remove machine guards or safety features.
- Never operate in confined areas or on unstable ground.
- Never smoke during refuelling or refuel near any ignition source

This document does not replace training; it is provided as a guide to the safe use of this type of equipment. Refer to the manufacturer's manual or training documents for further information. This is a non-specific document and must be assessed against your particular brand of equipment and the working environment. Where necessary a Task Specific Risk Assessment should be undertaken.

Safe Operating Procedure:

- **Pre-Operation – Safety Checks:**
 - Inspect the intended work area and ensure it is clear of obstructions, clear of flammable materials, is firm and level, is well ventilated, well-lit and is dry
 - Exclude unauthorised workers and others from the cement mixer while in operation
 - Use team lifts and / or the wheels to move the cement mixer safely
 - Visually inspect tools and the cement mixer for signs of damage and lock / tag damaged items out of service and notify Diamond Hire
 - Check leads are in good condition, with no damage and are inspected, tested and tagged
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- **Operation – Safety Procedure:**
 - The electrical lead is to be inspected, tested and tagged, kept off the ground, away from water and protected from damage
 - Ensure that you have good footing when loading and unloading the cement mixer
 - Keep hands away from moving parts at all times
 - Do not place any part of your body or tool in the cement mixer during operation
 - Remain with the cement mixer at all times during operation
 - Do not overfill the cement mixer and do not fill the cement mixer prior to turning it on and
 - Ensure that the Safety Data Sheet has been obtained for the cement / chemical being used, is available on site and a risk assessment has been undertaken
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- **Operation – Refuelling (for fuel powered units)**
 - Do not refuel the cement mixer while it's running or while it's hot (allow to cool before refuelling)
 - Do not smoke or undertake refuelling near any ignition source
 - Ensure that refuelling is undertaken in a well ventilated area
 - Clean any spills immediately and prior to starting the cement mixer and
 - Ensure that the Safety Data Sheet has been obtained for the fuel, is available on site and a risk assessment has been undertaken
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