

STANDARD OPERATING PROCEDURE

CEMENT MIXER - PETROL



**ONLY TRAINED PERSONNEL
AUTHORISED TO OPERATE THIS EQUIPMENT**

Identified Hazards

- Entanglement and Entrapment
- Pinch, Crush and Squash Points
- Skin Irritation from Cement and Lime
- Fuel (Spillage / Fire / Explosion / Vapours)
- Moving Parts
- Manual Handling
- Burns
- Eye Injuries
- Dust Inhalation – Cement | Lime | Sand
- Toxic exhaust fumes (carbon monoxide)
- Slipping (water and slurry)
- Noise

Personal Protective Equipment Requirements to Operate



Other | Additional PPE Requirements: Restrain long and loose hair, remove / contain loose jewellery

Operating Instructions

Pre-Operational Safety Checks

- Perform a visual inspection of the mixer for any obvious damage or faults including drive belt, support stand, wheels and guarding.
- Ensure the motor / belt drive safety guarding is correctly fitted and securely in place and that the unit is mechanically sound with the tyres appropriately inflated.
- Position on a firm, flat and level surface in a well ventilated area (carbon monoxide fumes) with good access to allow materials to be easily moved to and from the mixer. Chock wheels as required.
- Seek assistance when placing & repositioning of mixer. If in use when repositioning required, turn off mixer prior to moving. Be aware of any contents in the bowl as load may shift creating unstable situation.
- Ensure you are familiar with the location and operation of the ON / OFF switch.
- Ensure safety data sheets for hazardous chemicals and substances are available, read and understood.
- Ensure fuel is safely stored in appropriate container and that mixer is off prior to re-fuelling.
- Turn off the machine before making any repairs or adjustments or when servicing.

Operational Safety Checks

- **NEVER** operate a faulty piece of equipment. Report any faults, problems or hazards **IMMEDIATELY**.
- Ensure required PPE is available and worn.
- Do not use the mixer without all the guarding in place.
- Ensure the immediate work area is free of any hazards that may impact on the safe operation of the mixer.
- Be aware of you manual handling techniques when adding cement, lime, gravel or sand to the mixer bowl.
- Be aware of prevailing wind direction when adding sand, cement & lime to the mixer bowl due to dust:
 - Wear appropriate PPE | RPE including safety glasses, gloves and disposable respirator as required.
- Do not insert your hands into the rotating mixer bowl.
- Do not insert a shovel or similar implement into the rotating mixer bowl to distribute or adjust contents as they can make contact with the concealed mixer blades resulting in serious hand / arm injuries.
- Be aware of potential for mixture splashing into eyes during mixing operation, when transferring contents into wheelbarrow and when cleaning out the mixer bowl upon completion.
- Clean up and dispose of debris from the work area both during and upon completion of the task.

REFER TO THE MANUFACTURER'S OPERATIONAL MANUAL FOR FULL SAFETY REQUIREMENTS