

# STANDARD OPERATING PROCEDURE

## CEMENT MIXER - ELECTRIC

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



### Identified Hazards

- Entanglement and Entrapment
- Pinch, Crush and Squash Points
- Skin Irritation from Cement or Additives
- Dust
- Electric Shock
- Manual Handling
- Eye Injuries
- Moving Parts

### 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

- Inspect the mixer for obvious damage, including lead, plug end, drive belt, frame and guarding and that it has a current electrical safety tag.
- Ensure the motor / belt drive safety guarding is correctly fitted and secured and that the unit is mechanically sound with the tyres appropriately inflated.
- Ensure the mixer is in a suitable location on a firm, level and stable ground surface.
- Ensure the power supply for the appliance is RCD protected.
- Ensure so far as reasonably practical, that power leads are kept dry and off the ground.
- Ensure you are familiar with the location and operation of the ON / OFF switch.
- Ensure safety data sheets for hazardous chemicals (lime and cement) are available and understood.
- Electrically isolate from the power supply if unsafe, making repairs or adjustments, or servicing.

#### Operational Safety Checks

- **NEVER** operate a faulty piece of equipment. Report any faults, problems or hazards **IMMEDIATELY**.
- Ensure required PPE available and worn.
- Do not use the electrical mixer outdoors in the rain.
- 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 cement and lime to the mixer bowl due to airborne dust.
- 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**