

# STANDARD OPERATING PROCEDURE

## CONCRETE VIBRATOR - PETROL

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



### Identified Hazards

• Noise	• Manual handling
• Fuel (Spillage/Fire/Explosion/Vapours)	• Hot surfaces
• Vibration	•
•	•

### Personal Protective Equipment Requirements to Operate



Other | Additional PPE Requirements:

### Operating Instructions

#### Pre-Operational Safety Checks

- Ensure all personnel are trained and authorised to operate the concrete vibrator;
- Inspect fuel lines, tank, and area around carburettor for fuel leaks. Do not operate unit if leaks are found;
- Inspect the vibrator for any visible damage, loose components, or signs of wear;
- Check that the vibrator shaft is securely attached to the motor and that the shaft length is appropriate for the job;
- Verify that the power cord is in good condition and that the power switch is function correctly;
- Fuel concrete vibrator away from any possible sources of ignition.

#### Operational Safety Checks

- Wear appropriate PPE including safety glasses, hearing protection, gloves and steel-capped boots;
- Position the vibrator shaft into the fresh concrete mixture, ensuring that it penetrates evenly and does not contact any reinforcement;
- Turn on the vibrator motor and gradually immerse the shaft into the concrete, avoiding rapid or jerky movements;
- Move the vibrator shaft through the concrete in a systematic pattern, ensuring thorough consolidation of the mixture;
- Be aware of any obstacles or obstructions in the concrete that may impede the vibrator's movement;
- Keep a firm grip on the vibrator handle and maintain control of the equipment at all times
- If any issues or errors occur during operation, stop the vibrator immediately and troubleshoot the problem before resuming

**Storage & Maintenance**

- Turn off the vibrator motor and remove shaft from the concrete, ensuring that is clean and free of any hardened material;
- Inspect the concrete surface for any defects or areas that may require additional consolidation;
- Clean the vibrator shaft and motor thoroughly, removing any concrete residue or debris;
- Store the vibrator and associated equipment in a designated area, ensuring they are protected from damage and unauthorised use.