TASK	Concrete Vibrator					
HAZARDS	Flying debris	☐	Heat / cold	☐	Electricity	☒
	Cuts / laceration	☐	Dust	☐	Rollover	☐
	Pinch / crush	☒	Noise / vibration	☒	Plant interaction	☐
	High pressure	☐	Strain	☒	Other:	☐
PPE REQUIRED						

PRE-START CHECKS

1. Ensure all personnel are trained and authorized to operate the concrete vibrator.
2. Inspect the vibrator for any visible damage, loose components, or signs of wear.
3. Check that the vibrator shaft is securely attached to the motor and that the shaft length is appropriate for the job.
4. Verify that the power cord is in good condition and that the power switch is functioning correctly.
5. Confirm that fire extinguishing equipment is readily available in case of emergency.

SAFE OPERATING PROCEDURE

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

POST-OPERATION PROCEDURE

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