

SOP (BOOM PUMP)

SS-WHS-SAF-000

Authorised By:

Rev 1 [Publish Date]



TASK	Boom Pump					
HAZARDS	Flying debris	<input checked="" type="checkbox"/>	Heat / cold	<input type="checkbox"/>	Electricity	<input type="checkbox"/>
	Cuts / laceration	<input type="checkbox"/>	Dust	<input type="checkbox"/>	Rollover	<input checked="" type="checkbox"/>
	Pinch / crush	<input checked="" type="checkbox"/>	Noise / vibration	<input type="checkbox"/>	Plant interaction	<input checked="" type="checkbox"/>
	High pressure	<input checked="" type="checkbox"/>	Other:	<input type="checkbox"/>	Chemical	<input checked="" type="checkbox"/>
PPE REQUIRED						

PRE-START CHECKS

1. Complete all pre-start checks as per manufacturer's guidelines.
2. Ensure outriggers function properly and show no signs of wear.
3. Check hydraulic lines and hoses for integrity.
4. Confirm the concrete hopper and grate are clear and secure.
5. Test the remote control for boom operation and check battery levels.
6. Verify emergency shut-off functionality.

SAFE OPERATING PROCEDURE

1. Ensure all personnel are competent and authorised.
2. Ensure personnel are fit for duty and not impaired by drugs or alcohol.
3. Start the engine and allow it to warm up.
4. Do not use a mobile phone while operating
5. Always wear your seatbelt in the cab.
6. Operate at a safe speed and maintain exclusion zones around people, powerlines, and other hazards (use spotters if necessary).
7. Beware of uneven or sloping ground.
8. Stabilise the truck with outriggers.
9. Operate the boom smoothly, using remote or fixed controls.
10. While pumping concrete, adjust the flow and boom positioning as required.
11. Keep in constant communication with the pour crew.
12. Watch for signs of blockages or mechanical issues during operation.

POST-OPERATION PROCEDURE

1. Clean hopper, boom, and pipes of residual concrete.
2. Secure boom and retract outriggers, cleaning them of debris.
3. Conduct a post-operation inspection for damage, leaks, or wear.
4. Document operation hours, volume pumped, and any incidents.
5. Turn off lights, secure the equipment, and remove ignition key.
6. Report any mechanical concerns to maintenance personnel and log them per company policy.