

# SOP (AIR COMPRESSOR)

SS-WHS-SAF-000

Authorised By:  
Rev 1 19/03/2024



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

## PRE-START CHECKS

1. Ensure all personnel are trained and authorized to operate the air compressor.
2. Inspect the compressor for any visible damage, leaks, or signs of wear.
3. Check that all hoses, fittings, and connections are properly secured and in good condition.
4. Verify that the compressor oil level is adequate and that there are no signs of contamination.
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, and gloves.
2. Start up the air compressor according to manufacturer's instructions, ensuring that all safety interlocks are engaged.
3. Monitor the compressor operation closely, checking for any abnormalities such as unusual noises or vibrations.
4. Adjust compressor settings as necessary to maintain proper operating conditions.
5. Be aware of any leaks or spills around the compressor area and take appropriate action to contain and clean them up.
6. If any issues or errors occur during operation, stop the compressor immediately and troubleshoot the problem before resuming.

## POST-OPERATION PROCEDURE

1. Shut down the air compressor and close all valves to release pressure from the system.
2. Inspect the compressor and surrounding area for any defects or issues, reporting any problems to the appropriate personnel.
3. Clean up the compressor area, removing any debris or spilled fluids.
4. Perform routine maintenance tasks such as checking and replacing filters, draining condensate, and replenishing oil as needed.
5. Store any unused hoses or accessories in a designated area, ensuring they are protected from damage and unauthorized use.