



## Concrete Saw Dry

Developed by:	Approved by:	Date created:	Last revision:
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Possible Hazards Present	Personal Protection Required	Additional Training	
<ul style="list-style-type: none"> <li>- Exposed blade – cut, amputation</li> <li>- Electrical Shock</li> <li>- Noise, Debris in eyes</li> <li>- MSI back injury</li> <li>- Silica Exposure</li> </ul>	<ul style="list-style-type: none"> <li>- Steel Toed Boots</li> <li>- Hearing Protection</li> <li>- Safety Goggles</li> <li>- Face shield</li> <li>- Guards,</li> <li>- Respiratory Protection</li> </ul>	<ul style="list-style-type: none"> <li>- Fit Testing</li> <li>- PPE</li> </ul>	
<p><b>Pre-inspection Check</b></p> <ol style="list-style-type: none"> <li>1. Read, understand and follow procedures detailed in the operator’s manual before attempting to operate this equipment.</li> <li>2. Complete a documented hazard assessment and detail your plans to eliminate or control your hazards prior to using this equipment.</li> <li>3. Check the air filter for dirt or dust.</li> <li>4. Check carburetor for external dirt and dust. Clean with dry compressed air.</li> <li>5. Check fastening nuts and bolts for tightness.</li> <li>6. Check engine oil.</li> <li>7. Remove the gas cap and visually inspect to see if the fuel levels are adequate.</li> <li>8. Check for worn or damaged blades.</li> </ol> <p><b>Operation Procedures (As Directed by the Operator’s Manual)</b></p> <ol style="list-style-type: none"> <li>1. Ensure the engine Shutdown Switch and the engine On/Off switch on the engine are both in the OFF position to avoid accidental starting.</li> </ol> <p>Note: the engine stop switch serves both as an Emergency Engine Shut Off and as a primary Shut Down switch. This allows the operator to shut down the saw safely away from moving parts.</p> <ol style="list-style-type: none"> <li>2. Place the fuel valve lever to the “ON” position.</li> <li>3. Place the engine Shutdown switch and the engine ON/OFF switch to the “ON” position. Shutting the engine off using this switch confirms that it is functioning properly.</li> <li>4. Place the Choke Lever in the “closed” position.</li> <li>5. Rotate the throttle lever halfway between fast and slow for starting. All sawing is done at full throttle. The engine governor speed is factory set to ensure optimum blade operating speeds.</li> </ol>			



6. Gasp the starter grip and slowly pull it out. The resistance becomes the hardest at a certain position, corresponding to the compression point. Pull the starter grip briskly and smoothly for starting.
7. If engine has started, slowly return the choke lever to the “open” position. If the engine has not started, repeat.
8. Before the saw is placed into operation, run the engine for several minutes. Check for fuel leaks and noises that would associate with a loose guard and/or covers.
9. Rotate the throttle lever toward full throttle.
10. To begin sawing, lower the rotating blade allowing it to cut to the present depth.
11. When blade has reached full cutting depth, slowly walk behind the saw at a rate that will allow the engine to operate without losing optimum RPM.
12. When the end of the cut has been reached, raise the blade out of the cut by pulling back on the handle bars (using downward pressure) until the raise/lower rod drops into its slot with the blade in the raised position.
13. If cutting is complete, shut the saw down using the following “shutdown procedures”.

#### Shutdown Procedures

1. Place the engine throttle lever in the SLOW position and listen for the engine speed to decrease. Allow the engine to run for 2 to 3 minutes for proper cool down.
2. Turn the engine shutdown switch to the “off” position. Shutting the engine off using this switch confirms that it is functioning properly.
3. Turn the engine ON/OFF switch to the “off” position.
4. Place the fuel valve lever to the “off” position.

#### Restarting after Interruption

If cutting is interrupted where the engine stops or is turned off while the blade is still in the cut:

1. Turn the engine shutdown switch to the “off” position.
2. Raise the blade out of the cut.
3. Restart the engine.

#### Blade is stuck in the Cut Procedure

The only acceptable method for freeing a stuck blade is to remove the saw from the stuck or

Pinched blade. DO NOT try to get the blade unstuck using the raise/lower system or by lifting the saw by the lifting bale, etc.!

1. Turn engine shutdown switch to the “off” position.
2. Remove the blade guard.



3. Remove blade mounting bolt and outer flange.
4. Maneuver the saw away from the stuck blade.
5. A parallel cut made next to the blade may be necessary to free it.
6. Once the blade is freed, inspect the blade for damage; discard if damaged.
7. Ensure an undamaged, useable blade is installed on the saw before cutting is resumed with that saw.

If An Emergency Situation Occurs - STOP – Follow the Instructions Of The Foreman Or His Designate

**Documentation/Legislation**

Workplace Safety & Health Regulations

M.R.217/2016

6. 13(10) –PPE – Eye and face protection

6.15 (1) – PPE - Respiratory protection

16 Machines, Tools and Robots

**This Safe Work Procedure will be reviewed anytime the task, equipment or materials change and at a minimum every three years.**