

### Crusher Operation Impact

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Pinch Points	Eye Protection	Crusher Operation
Falling	Hard Hat	Lock out procedure
Wrenches slipping	Steel Toe Boots	

**Safe Work Procedure:**

- 1) Shut down equipment if excessive vibration occurs.
- 2) Failure to follow proper lockout and tag out procedures may result in serious injury or death.
- 3) Stand clear of material discharge and feed areas at all times. Material can be ejected or ricochet unexpectedly from feed and discharge openings.
- 4) Do not feed any uncrushable material into the unit.
- 5) Tramp iron will damage machine.
- 6) Shut off and lockout controls before lubricating or performing any maintenance or adjustment.
- 7) Do not use explosives to dislodge material from the crusher.
- 8) Single and double impeller impact breaker overload protector.
- 9) Stay clear of safety release assembly during operation
- 10) Block rotor and impeller inside crusher with a wedge to prevent rotation during maintenance as rotor can move unexpectedly.
- 11) Retighten all rotor components when replacing any rotor wear items.
- 12) Do not reach behind breaker plate when performing maintenance.
- 13) Make sure that no foreign material is holding the breaker plate back.
- 14) Lodged material may fall out causing the breaker plate to unexpectedly drop.
- 15) Remove all material from feed devices and chutes before performing maintenance inside the crusher.
- 16) Stand clear when lifting heavy objects.
- 17) Stand clear when opening and closing split housing on hammer mill units.
- 18) After adjusting the crusher, slowly rotate the flywheel at least one full revolution to check for interference.

***If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure***

**REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR**

<p style="text-align: center;"><b>Guidance Documents/Standards:</b></p> <p>MB Workplace Safety &amp; Health Act &amp; Regulations:</p> <ul style="list-style-type: none"> <li>6 Personal Protective Equipment</li> <li>14 Fall Protection</li> <li>15 Confined Spaces</li> <li>16 Machines, tools and Robots</li> <li>22 Powered Mobile Equipment</li> <li>28 Scaffolds &amp; Other Elevated Work Platforms</li> <li>30 Temporary Structures</li> </ul>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p> <hr/> <p>Reviewed By WSH Committee:</p> <p>Date:</p>
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