

Rammer Operation

<b>Facility:</b>	<b>Written By:</b>	<b>Approved By:</b>	<b>Date Created:</b>	<b>Date of Last Revision</b>

<b>Hazards Present:</b>	<b>PPE or Devices Required:</b>	<b>Additional Training Required:</b>
Fire/Explosion	Hard Hat	Lift/Materials Handling Training
Exhaust Fumes	Eye protection	Body Posture Training
MSI (Lifting/Vibration)	Safety Footwear	Lockout/Tagout Procedure
Airborne dust	Hearing Protection	Working Alone
Contact with tamping foot		Refueling Safety

**Safe Work Procedure:**

1. Read and understand the manual that accompanies your rammer.
2. Don PPE before beginning the task. Ensure clothing fits properly.
3. Inspect the work area:
4. If the work area is an enclosed space, ensure adequate lighting and ventilation. If necessary, obtain a properly calibrated CO monitor.
5. Consult the Job Hazard Analysis or any site rules imposed by the client to see if exhaust scrubbers or spark arrestors are required for the job.
6. Ensure that any obstructions, holes, pits, or excavations into which the tamper could fall are adequately barricaded or fenced off.
7. If the area contains any protrusions of rebar, pipes, or conduit, install protective caps.
8. Do not operate the rammer in an explosive atmosphere.
9. Inspect the rammer. Check for leaks, damage, loose or missing parts, or other hazards. Check the integrity of the rubber or neoprene boot protecting the compacting mechanism. If repairs are needed, lockout the machine and notify your supervisor. Only qualified personnel are to perform repairs.
10. Perform daily maintenance to the rammer.
11. Start the engine and check for proper operation. Notify your supervisor if the machine does not function properly.
12. Begin work. Keep feet as far as practical from the rammer's compacting shoe. When working near walls or obstructions above waist height, place your hands in a protected area of the handle to prevent injury in the event the rammer encounters a different soil condition and makes a sudden unexpected movement.
13. If the unit becomes stuck in soft or damp material, use caution during extraction to avoid MSI. Obtain assistance from co-workers or use mechanical assistance from earthmoving or lifting machinery.
14. Rammers should not be left running unsupervised due to the possibility that they may start moving on their own. Stop the engine of a rammer before leaving the controls for more than a few moments or if you are leaving the area and the machine will be out of sight.
15. When the task is completed, shut down the machine and close the fuel valve. Remove it from the work area. Store the machine properly. Rammers should not be left freestanding where they may strike another tool or object if they fall.



***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**

<b>Guidance Documents/Standards:</b> MB Workplace Safety & Health Act & Regulations: 2.1 Safe work procedures Part 8 Musculoskeletal Injuries 16.4 Machine and Tool Safety 16.14 Lockout	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee:  Date: