

Installation of Shoring

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

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Asphyxiation	Steel toed boots	Rigging
Fall Injuries	Eye protection	Operator training
Muscle strain	Hard hat	
Loose grounding	Hand protection	
	Hearing protection	

Safe Work Procedure:

- 1) While shoring is in progress the bucket of the excavator should be placed in the trench directly in front of shoring being installed.
- 2) It is essential that the struts or jacks be installed from the top down. The top strut/jack be placed 0.5 metres below the surface, and the second strut/jack placed according to shoring table.
- 3) If plywood is used the jacks/struts must never be installed directly on the plywood. The jacks/struts must be placed on the uprights that support the plywood.
- 4) Once a minimum of 2 struts/jacks are placed on each set of uprights, the installation of the bottom jacks can be done.
- 5) This method allows the worker to be protected by the bucket of the excavator and the already installed shoring.
- 6) When removing shoring use the above in the reverse order.
- 7) The bottom struts/jacks are removed first.

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

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations: 6 Personal Protective Equipment 12 Hearing Conservation and Noise Control 26.15-26.32 Excavations and Tunnels <i>Work Safe Bulletin No. 142</i>	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: