

A shoring system temporarily supports a trench and prevents soil movement when there is potential danger of collapse.

Shoring Daily Inspection (Aluminum Hydraulic Shoring)

Inspections must be done by a competent person before use every day and after any hazard increasing event.

- * Assure the shoring's tabular data is present and being followed.
- * Check all cylinders for damage such as dents or cracks.
- * Check all panels for damage such as cracks, dents or damage that could decrease the structural integrity.
- * Pressure the shoring to be between 750-1500 psi.
- * Check all cylinders for leaking fluids.
- * Check entire pressure hose body.
- * Check the cylinder hose connections to cylinder for leaks
- * Hold pressure on the walls for 60 seconds without any drift.



Shoring Daily Inspection (Timber Shoring)

Inspection must be done by a competent person before use every day and after any hazard increasing event.

All timber shoring must be designed by an engineer before use regardless of depth.

- * Sheeting is free of cracks, bowing and other structural damage.
- * Walers are secured to sheeting and free of cracks, bowing or other damages.
- * Struts are secured to sheeting and free of cracks, bowing or other damages.
- * If vertical piling is used, it must be engineered to support the weight of the soil in the event of a cave-in
- * If vertical piling is part of the shoring system, the vertical piling must be plumb in all directions.

