

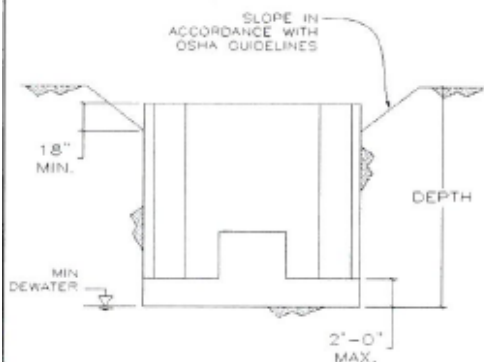
MANHOLE BOX CERTIFICATION

A COPY OF THIS SHEET MUST ACCOMPANY EACH
CORRESPONDING MANHOLE BOX AT EVERY JOB SITE

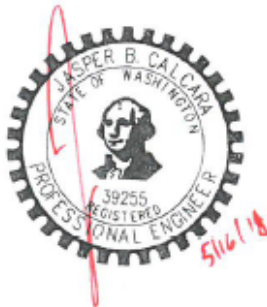


TRINITY SHORING PRODUCTS, INC.
A TRINITY MINING & CONSTRUCTION EQUIPMENT, INC. COMPANY

MODEL NUMBER	SERIAL NUMBER	SIZE
MAN-4 48D	34691	4' HIGH x 8' LONG
SOIL	MAX DEPTH (FT)	CAPACITY (PSF)
B	40	3000
C-60	40	
C-80	30	



Spreader pipes shall be 5" sch. 80 and a maximum length of 8'. NEVER lean steel plates, sheeting, plywood, or sheathing of any kind against spreaders.



LIMITATIONS

- 1.) This tabulated data has been prepared by a registered professional engineer as required to comply with OSHA standard 29 CFR part 1926, subpart P.
- 2.) Shield may be suspended no more than 2 feet above bottom of the trench and only if there is no possible loss of soil from behind or below bottom of shield.
- 3.) 72 PSF surcharge loads have been included in the above depth ratings. The allowable working depth of the shield must be reduced to account for any surcharge loading which occurs within the influence line of the shield that would exceed 72 psf. Otherwise, site specific engineering is required.
- 4.) Shoring shields shall be installed in a manner that will prevent lateral or otherwise hazardous movement of soils. Shoring shields are not intended to provide stability to adjacent buildings or other structures.
- 5.) Soil above shield must be sloped according to OSHA Subpart P, & must begin no less than 18" below top of panel.
- 6.) Shields may be stacked as long as each panel is rated to the depth it is used and manufacturer approved stack connections are utilized to prevent lateral movement of the shields.
- 7.) Contractors' competent person is fully responsible for classifying soils in accordance with OSHA guidelines, prior to use of system.
- 8.) Any modifications to panels will void tabulated data unless otherwise specified or allowed in writing by Pro-Tec Equipment.
- 9.) Shields must be inspected prior to each use for any damage or deterioration. If any assembly has sustained damage or permanent deformation, the tabulated data is void until repairs are made as specified by a registered professional engineer.
- 10.) Pro-Tec shoring systems are to be used in accordance with Federal, state and local laws. Refer to Occupational Safety and Health Administration (OSHA) rules and regulations Vol. 54, No. 209, 10/31/89. Subpart P.
- 11.) Contractor is fully responsible for ensuring groundwater level on all sides of shoring is maintained below base of excavation at all times, otherwise classify and C-80 and ensure base of excavation remains stable at all times.
- 12.) Capacity and depth ratings account for 33% overstress for shore-term loading conditions.

Usage of boxes other than specified could cause failure or cave-ins resulting in serious injury or death.

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