

TRENCH SHORE RENTALS
A Division of Woudenberg Industries

3020 S. 19th Ave. Phoenix AZ 85009
Phone: (602)-253-3311

**TRENCH SHIELD
CERTIFICATION**

MODEL

10' high x 8' long x 4" Wall

SERIAL #

108DW401

REFERENCE TO OCCUPATIONAL SAFETY AND HEALTH RULES
AND REGULATIONS, VOL. 54, NO. 209, SUBPART P

SHIELD SIZE		PSF RATING	MAXIMUM ALLOWABLE DEPTH (D) OF EXCAVATION IN SOIL TYPE TO BE EXCAVATED (FEET)		
HEIGHT (FEET)	LENGTH (FEET)	MAXIMUM LATERAL EARTH PRESSURE @ TRENCH BASE IN PSF	TYPE A Stiff, Cohesive Soil 25 PSF per foot of depth	TYPE B Medium Cohesive Soil 45 PSF per foot of depth	TYPE C Soft Cohesive Soil 60 PSF per foot of depth
10	8	1417	53.8	29.9	22.4
LIMITATIONS IN USE TABLE 1. Trench shield to be assembled and installed in accordance with Manufacture's instructions. 2. Excavation 2 feet below bottom of shield is permitted when no loss of soil from behind or below shield occurs. 3. Shields may be stacked with no reduction of PSF rating. 4. Excavation depths are based on types of soil. Verify soil type prior to shield use. 5. All modifications and/or alterations must be approved in writing by a Registered Engineer. 6. Depth certifications are based on soil load duration not exceeding 24 hours.			DESCRIPTION Clay, silty clay, sandy clay, clay loam Unconfined compressive strength of 1.5 tps or greater	DESCRIPTION Clay, cohesionless gravel, sands and silt Unconfined compressive strength of 0.5 tps to 1.5 tps	DESCRIPTION Clay, submerged gravel, sands and silt Unconfined compressive strength of less than 0.5 tps
			<p style="text-align: center;">TYP EXC SECTION</p>		



CERTIFIED BY:
EGW ENGINEERING, P. C.
4220 E. San Remo Avenue
Higley, Arizona 85236

FOR:
Trench Shore Rentals

USE THIS PRODUCT ONLY IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS

Caution: Any use of this product not described on this certificate could cause collapse resulting in serious injury or death.