



**Tantalean & Associates**  
CONSULTING ENGINEERS

4721 East Harmony  
Mesa, AZ 85206  
(602) 654-6810

97-003

**DOUBLE WALL  
STEEL TRENCH SHIELD CERTIFICATION**

The following steel shield for trenches was designed in compliance with Federal Register Vol. 54, No. 209, Part 1926, Subpart P, and accepted engineering practice. It must be used in a manner consistent with regulations outlined in subpart P, and local regulations. This rating is not valid if the trench shield shows excessive wear, is permanently damaged, is not maintained properly or repaired properly. This certification is not valid if the steel trench shield is modified in any manner by attaching, welding or resting any other shields or plates to extend the specified height, length, width or clearance call out below. Stacking of steel trench shield is permitted.

**SPECIFICATIONS**

Trench Shield Serial No.	97-084
Trench Shield Height	10 ft.
Trench Shield Length	24 ft.
Trench Shield Wall Thickness	6 in.
Trench Shield Capacity	1032 psf
Manufacturer	Safe-T-Shore

**THEORETICAL DEPTH**

Soil Type	With 72 psf Surcharge	Without Surcharge
Type A	38.4 ft.	41.3 ft.
Type B	21.3 ft.	22.9 ft.
Type C-60	16.0 ft.	17.2 ft.
Type C	12.0 ft.	12.9 ft.

