



Tantalean & Associates
CONSULTING ENGINEERS

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

98-027

**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.	98048
Trench Shield Height	8 ft.
Trench Shield Length	16 ft.
Trench Shield Wall Thickness	4 in.
Trench Shield Capacity	1423 psf
Manufacturer	Safe-T-Shore

THEORETICAL DEPTH

Soil Type	With 72 psf Surcharge	Without Surcharge
Type A	54.1 ft.	56.9 ft.
Type B	30.0 ft.	31.6 ft.
Type C-60	22.5 ft.	23.7 ft.
Type C	16.9 ft.	17.8 ft.

