



Tantalean & Associates
CONSULTING ENGINEERS

10071 Sheba Way
San Diego, CA. 92129
(619) 538-4737

97-026

**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. | 97161 |
| Trench Shield Height | 8 ft. |
| Trench Shield Length | 20 ft. |
| Trench Shield Wall Thickness | 4 in. |
| Trench Shield Capacity | 1423 psf |

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. |



Cerda Industries, Inc.
9116 Lambright
Houston, Texas 77073
Phone: 713-242-7700