

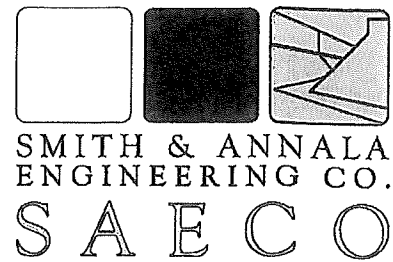
TABULATED DATA

March 5, 2020

Attention: Mr. Kevin Koehler

Trench Shore Rentals
320 South 19th Avenue
Phoenix, Arizona 85009
(602) 509-2231

Subject: Tabulated Data
Fall Arrest/Fall Restraint Anchorage Block
SAECO Project No. 29.20.5013F



Smith & Annala Engineering Co. (SAECO) is providing this memorandum for the use of concrete deadman blocks as an anchorage point for fall arrest or fall restraint. This memorandum was prepared by a registered professional engineer as outlined in OSHA *Part 1910.140(b) Personal Fall Protection Systems, Anchorage*.

Deadman blocks provided by Trench Shore Rentals are constructed of steel reinforced concrete and have a base that is approximately 46-inches square and 40-inches tall. They weigh a minimum of 7,200 pounds. The anchorage point is composed of a 3-inch pipe cast into the concrete block with hoisting lug secured to the pipe in the center of the top of the block.

Requirements For 2 Workers

The deadman block will act as a suitable anchorage point for two workers under the following conditions:

1. The combined body and tool weight of any individual employee using the anchor point must be less than 310 pounds.
2. Self-retracting lanyards and lifelines for both employees must be designed to limit the potential free fall to two feet or less (29 CFR 1926.502(d)(12)).

If these requirements cannot be met, or if the free fall length of the lanyard or lifeline is not known, then the anchorage point shall be limited to one employee.

Other Considerations

Personal fall protection systems and their components must be used exclusively for employee fall protection and not for any other purpose, such as hoisting equipment or materials (1910.140(c)(17)). Therefore, the anchorage point shall not be used to lift or move the deadman block.

The scope of this letter is limited to the anchorage point for fall protection/fall restraint, all other components, such as, but not limited to, snap hooks, carabiners, D-rings, harnesses, lanyards, lifelines, and belts, used for fall arrest or fall prevention are the sole responsibility of the user.