

## HANDRAIL SYSTEM

TABULATED DATA  
Effective April 29, 2013



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## **Description**

The Pacific Shoring Hand Rails are an additional structure that can be added to shoring boxes by use of extended corners. When properly installed, the hand rails extend 42” from the top of the excavation. The top of the box acts as a kick guard. A gate can be used which measures 2ft wide.

## **General Information for use of Pacific Shoring Hand Rails**

1. This shoring shield handrail system is in accordance with OSHA Subpart M 1926.502 Fall Protection Systems Criteria and Practices (b) Guardrail Systems
2. A competent person shall check at start of shift to be sure that rail components are securely attached to anchorage points
3. Maximum allowable point load in any direction at top of rail is 300 lbs.
4. Fall Protection system can be anchored to the box but NOT to handrail sections.
5. Repairs and modifications to handrail system shall be approved by manufacturer or RCE.
6. Gate shall be closed except when workers enter or exit.
7. Shoring box and end post system shall be set so that the handrail post is 42" above walking surface.

## **Hand Rail Sizing**

<b>Material</b>	<b>6061-T6 aluminum</b>
<b>Oversleeve</b>	<b>2x3</b>
<b>Innersleeve</b>	<b>2.5 x 1.5</b>
<b>Gate Opening</b>	<b>24"</b>
<b>Railing</b>	<b>2'to 3' 3' to 5' 5' to 8' 6' to 10' 8' to 12'</b>

## Detail Drawings

