

Agenda Item:		650-1085
Title:	Modification Of Scaffold Support	
Date:	May 17, 2021	
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Purpose:	Resolve repeated questions if the current scaffold support shown in figure 5.22 can be used for personal fall arrest in accordance with OSHA 1926.502(d)(15).	
Source:	Committee Member	
Revision:	2	
Impact:	The business impact of this item is neutral	
Rationale:	<p>PEMY performed calculations to certify that the scaffold support the 5000 lb load required by OSHA to be an anchor point per 1926.502(d)(15). Stated in 1926.502(d)(15) it specifically states that the anchorage "shall be independent of any anchorage being used to support or suspend platforms." Since this is specifically stated in the OSHA document we should make mention below that it cannot be used as a scaffold support and anchor point simultaneously.</p> <p>Revision 2 changes: Move "Where seams..." to end of the paragraph. Require 3" weld spacing. Add requirements for location near center. Add requirements for scaffold cable support per OSHA 1926.451.</p>	
Proposal:	<p>5.8.8 Scaffold Cable Support</p> <p>The scaffold cable support shall conform to Figure 5.22. Where seams or other attachments are located at the center of the tank roof, the scaffold support shall be located as close as possible to the center. The scaffold cable support meets the requirement for personal fall arrest for one person according to OSHA 1926.502(d)(15) with a load of 22.2 kN (5,000 pounds) OR the requirement for a suspended scaffold according to OSHA 1926.451(d)(1) with a working load of 5.6kN (1,250 pounds) provided that the manufacturer has performed a visual examination of all the attachment welds and ensured that there are no welding defects. The principal scaffold anchor support shall be located as close as feasible to the geometric center of the tank roof. Because each personal fall arrest system is required to be anchored independently from the scaffold, Purchasers may request that multiple scaffold cable supports be installed. When installing additional scaffold cable supports, the reinforcing plates shall be located with at least 3" clearance from seams or other attachments, and they shall be located as close as feasible to the center of the roof so any loads during a fall will minimize any swinging trauma that might otherwise occur.</p>	