

Agenda Item 653-1019 – Section 10.5.2.1 Updates

Title: Section 10.5.2.1 Updates

Date: August 26, 2026

Contact: Presented By: Doug Bayles
Company: Hagne Engineering International, Inc.
Phone : 918-973-3502
E-mail : doug@hagenengineering.com

Purpose: To correct a citation made within API 653 Section 10.5.2.1.

Source: Todd Woiteshek – Welding and Tank Inspection, LLC

Revision: 0

Impact: The business impact of this item is neutral

Back Ground Currently the wording in Section 10.5.2.1 reads: The maximum out-of-plumbness of the top of the shell relative to the bottom of the shell shall not exceed 1/100 of the total tank height, with a maximum of 5 in. The 1/100 criteria, with a maximum of 5 in., shall also apply to fixed roof columns. For tanks with internal floating roofs, apply the criteria of this section or API 650, Section 7.5.2, and API 650, **Section H.4.1.1**, whichever is more stringent.

The reference should be to Section H.4.5, not H.4.1.1. Suggested Change is below.

Suggested

Text: The maximum out-of-plumbness of the top of the shell relative to the bottom of the shell shall not exceed 1/100 of the total tank height, with a maximum of 5 in. The 1/100 criteria, with a maximum of 5 in., shall also apply to fixed roof columns. For tanks with internal floating roofs, apply the criteria of this section or API 650, Section 7.5.2, and API 650, **Section H.4.5**, whichever is more stringent.