

Agenda Item 620-1032

Title: Resistance to sliding requirements in API 620 L.3.3.3, L.4.3.10 and L.4.4.4

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Revision: 0

Handled By:

Name : Vivek Manjrekar
Company : Bechtel Energy, Tank Business Line
Phone : (713) 235-2628
E-mail : vsmanjre@bechtel.com

Purpose: To align with the damping ratio limit in Section 6.6.4 of API 625, the following changes to Section L.4.3.5 is proposed.

Source: "Suggestion for Change"

Impact: Neutral

Rationale:

For Soil-structure-interaction, Section L.4.3.5 of API 620 limits the damping ratio to 10% for the OLE case, whereas Section 6.6.4 of API 625, Ed.1 Add-4 (2021) permits a maximum damping ratio of 15% for OLE.

Proposed Changes in API 620 Annex L

L.4.3.5 Soil Structure Interaction

Soil structure interaction per L.3.3.6 may be used for OLE design providing the damping ratio does not exceed ~~10%~~ 15%.