New API RP 752 Facility Siting Requirements and How They Affect Your Company

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Abstract

Many companies have conducted facility siting studies of their facilities. API, at the request of the CSB and OSHA, has updated API RP 752, Management of Hazards Associated with Location of Process Plant Buildings. There are several keys changes involving occupancy criteria, occupant vulnerability, risk assessment approach, and structural analysis that will have a significant impact on facility siting studies previously conducted.

This paper will discuss the key changes to be introduced in the 3rd Edition of API RP 752 and provide several approaches for companies on how to update or revise their facility siting studies. Additionally, there is confusion on the relationship between API RP 752 and API RP 753, Management of Hazards Associated with Location of Process Plant Portable Buildings that will be addressed.