



Navigating the Landscape of Occupational Exposure Limits

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Presentation abstract

Occupational and related health-based exposure limits are a critical component in the process for conducting workplace risk assessments. The landscape of OELs is complex. There are varying types of OELs, numerous organizations internationally that establish OELs, and emerging tools that provide alternative limit guidance for assessing risks for workplace exposures. Recent developments include the increasing role of the EPA TSCA program for OEL setting in risk management program design, and incorporation or new approach toxicology methodologies for OEL derivation. Despite recent international harmonization efforts, there is no single resource to find all OEL values. Some of the key nuances in navigating this OEL landscape will be covered with a focus on steps for implementing a systematic OEL identification, selection, and derivation program.