The Future of Process Safety

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Abstract

Key words: process safety, future development

Process safety has been practiced for several decades, but it is only in recent years that it has become an established discipline. During this evolution we have seen the development of risk assessment techniques and inherently safer design. In more recent time we have seen a focus on human factors and work on the cultural impacts. So what does the future hold? This paper will explore what the current challenges to process safety are today and look at possible strategies to overcome them. The challenges have been identified from a series of global consultations which was done in collaboration with Mark Kay O'Connor Process Safety Center. The strategies were identified with the assistance of a global committee of process safety leaders from industry, academia and regulators.