Three Simple Changes to Improve Process Safety Management

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Abstract:

The concept of risk based process safety management that has been described in the Center for Chemical Process Safety’s book, “Guidelines for Risk Based Process Safety”, was developed because “…..many organizations continue to be challenged by inadequate management system performance, resource pressures, and stagnant process safety results”.

This paper will suggest that modifying three key elements of a safety management system can greatly improve an organization's safety culture and improve the overall performance of all personnel working within the framework of the management system. Modifying an organization's near miss reporting, management of change and job hazard analysis programs can lead to increased management of risk, better control of modifications, and identification of hazards associated with job tasks.