PSM Metrics Impact on Process Safety Culture

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ABSTRACT

Five years ago our facility recognized the need to expand from a PSM Program managed by a small group to a PSM Culture owned by the full facility. Development and implementation of effective and consistent PSM metrics were utilized to achieve the following:

(1) Set the vision for a PSM Culture
(2) Gauge basic awareness
(3) Educate on basic PSM elements
(4) Identify gaps via near miss incidents and
(5) Build momentum for improvement- an effective 'Case for Change' short of a major incident

This paper covers the path of this facility through these five points and provides example tools, methods, and results of each step along the way towards PSM culture improvement.

Keywords: process safety, PSM, culture, refinery, union, USW, metrics, improvement