RP 754 – Process Safety Performance Indicators
&
RP 755 – Fatigue Risk Management Systems

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ABSTRACT

As a result of the investigation of the U.S. Chemical and Hazard Investigation Board (CSB) of the BP Texas City refinery incident in 2005, CSB issued several recommendations including:

- API and USW to work together to develop two new consensus American National Standards Institute (ANSI) standards.
  - In the first standard, create performance indicators for process safety in the refinery and petrochemical industries. Ensure that the standard identifies leading and lagging indicators for nationwide public reporting as well as indicators for use at individual facilities. Include methods for the development and use of the performance indicators.
  - In the second standard, develop fatigue prevention guidelines for the refining and petrochemical industries that, at a minimum, limit hours and days of work and address shift work.

A report will be given on the work to develop and issue Recommended Practices 754 (Process Safety Performance Metrics) and 755 (Fatigue Risk Management Systems) including overviews of the key elements of both documents, status of the overall effort and plans for industry adoption of these recommended practices.