Implementing SIS Metrics for Life Cycle Management

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Abstract

This paper will overview the key elements of implementing SIF Metrics for Life Cycle Management. The key elements of implementation SIS Metrics are:

- Defining the business case for what to measure
- Defining what measures are most important now
- Defining what sources and information needs to be collected to execute the measurement
- Data Collection – The new frontier
- Executing the Measurement
- Driving action with the information

Each of these elements are essential to an effective SIS Metric Implementation … whether for one or for many metrics. These elements can be aggregated into the categories: 1) Business justification, 2) System Implementation and 3) Action Execution. Implementation of SIS Metrics aligns to the CCPS Vision 20/20 (American Institute for Chemical Engineers 2014) initiative by supporting the Industrial Tenant of Disciplined Adherence to Standards and the Societal Themes of Harmonization of Standards and Meticulous Verification.