Application of Safety Life Cycle to Gas Plant Process

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ABSTRACT

With IEC 61511 / ISA 84.01 now being accepted as a best practice, the Process industry is now applying the Management of Functional Safety throughout the various phases of the Safety Life Cycle.

This paper will cover the Analysis, Implementation, and Operation phases of the Safety Life Cycle with details on the main content of each phase. An example will be used to walk through the Safety Life Cycle and address all the steps in each phase. Lessons learned will be shared from the perspective of the site owner (a major gas company) and from the SIS supplier (Honeywell Process Solution).