ISA and IEC Standards—How Are They Impacting the Process Industry?

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ABSTRACT

Over the past several years, representatives from the process industries have worked together to develop standards on Safety Instrumented Systems. Two of these standards have recently been accepted by ANSI as USA National Standards (ANSI/ISA S84.01 and ANSI/ISA S91.01). In addition to these USA National Standards, there is presently a worldwide effort to develop International Standards on this same subject (IEC 61508 and IEC 61511).

This paper will review the development of these standards and their impact on the process industry.