

## Standards & Practices Report

Besides standards, did you know ISA published RP's (Recommended Practices) and TR's (Technical Reports)? Unlike ISA Standards which are mandatory for the applicable industries, RP's are recommendations based on best practices and experiences from vendors and customers. Let's look at two of the latest RP and TR.

The first is [ISA-RP105.00.01-2017](#), "Management of a Calibration Program for Industrial Automation and Control Systems." The goal of this RP is to provide a framework for developing a standard calibration program for IACS (industrial automation and control systems). It also provides guidelines for calibration, evaluation of loop accuracy, and the tuning needed to achieve the desired accuracy. This new RP is available for purchase from ISA for \$88.

Another recent release is [ISA-TR84.00.08-2017](#), "Guidance for Application of Wireless Sensor Technology to Non-SIS Independent Protection Layers." This technical report provides guidelines for wireless sensors used in the process sector. In particular, the report covers instrumentations with risk reduction factor of <10 for use in Independent Protection Layers (IPL). Higher safety factors, such as those for Safety Instrumented (SIS), are outside of the scope of this report. This new TR is available for \$72 from ISA. Remember, all ISA members have free access to ISA standards and most reports including their latest releases. A few standards will need to be purchased due to copyright reasons with other non-ISA publishers. To access the standards, please go to <https://www.isa.org/standards-and-publications/isa-standards/member-access-to-standards/>