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Instrument Calibrations Workshop

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There are a variety of requirements for performing radiological instrument calibrations. Some requirements are guidance only while others have very detailed specifications for performing the calibrations, some of which are contradictory. The requirements are described in much detail in some statements of work while the published standards are more general in nature. There is often a lack of consistency and some seem unreasonable. This lack of consistency makes it difficult to develop an efficient and productive operating counting facility, subsequently causing higher prices and possibly creating more errors. To the best of our knowledge there are no standards that provide the kind of detail that clients include in statements of work.

There is a need for a calibration standard that is practical and will provide calibration data that is legally and technically defensible. In addition to our presentation, we intend to invite three or four professionals from the industry to present papers in their areas of expertise. We wish to pull together information from this workshop that may lead to a consensus standard for instrument calibration requirements.