

March 11, 2025  
Invitation from  
ASQ Inspection Division  
Virtual Webinar

DATE:

Tuesday,  
March 11, 2025

This is a virtual/online  
webinar via Webex. Log-in  
information will be provided  
on the registration  
confirmation email.

Time: 4:00 pm – 5:30 pm PDT

(check website to confirm time)

There is no charge for ASQ  
members or non-members

**Advance registration is  
required.**

Attendance at this webinar earns  
RU credit toward ASQ  
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More information about ASQ's  
Inspection Division is available  
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ASQ section and other upcoming  
events: [www.asq614.org/](http://www.asq614.org/) or our  
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## Measurement Uncertainty: Knowing the Unknown



**Anish Shah, CQE**  
Owner and Chief Sales Officer, QC Training

Calibration is often defined as “an act of measurement and/or adjustment.” Legal Metrology as well as Industrial Metrology are integral to business success, but without effective and timely calibration along with understanding the associated error sources that success will be compromised. Traceability and measurement uncertainty adds complexity to the process.

Every physical measurement in research and industry involves some degree of uncertainty. Even minor fluctuations in conditions can influence the measurement and lead to deviations that make the measurement result unreliable. Knowledge of the uncertainty pertaining to the results is essential in order to obtain meaningful measurement data.

The more elements a measuring chain contains, the more complex it becomes to determine the measurement uncertainty. Lack of information about the uncertainty of the measurement result can cause misinterpretations. Reliable determination of the measurement uncertainty allows narrower tolerances to be defined so the efficiency of the process can be increased.

### *Anish Shah*

*About the speaker:* Anish Shah held several roles at QC Training Services before being appointed as President in January 2020. He then went on to acquire the company in early 2022. The day-to-day activities of running the operations of a technical training organization that engages both individuals and organizations as customers in their quest to excel through exceptional learning methods has made this his most rewarding position to date. He assists clients in formulating training roadmaps in the areas of machining, metrology, quality, and geometric dimensioning and tolerancing.

Past customers include contract manufacturers for the medical device industry, medical device OEMs, national labs, and government agencies. Anish also provides technical instruction in fundamental measurement principles, Quality Tools including FMEA, MSA, and SPC to name a few, and measurement practices with attention to evaluating and reducing measurement uncertainty.