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Calibration Corner

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Issue 10

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A Distinguished Window into the Rough and Tumble World of Calibration

A Solution Mindset

Every once in a while here, instead of providing earth-shattering updates on the definition of the kilogram or compelling insights on ISO standards, we like to do something truly special, which is: briefly grandstand in a shameless plug for ourselves about why we think the calibration services we offer are great.

Now that any pretext is out of the way, let's talk about *solution mindset!*

At DTS, we truly try to find solutions for some of our customers' unique requirements and calibration needs. We certainly love to take care of your standard calibrations: hand tools, multimeters, gage blocks, pressure, and so on – things that often don't require too much special consideration (but where we still try and maintain an edge in how we perform them). So, keep laying those on us!

But we have also historically worked hard to make sure we meet your needs when things *aren't* so straightforward:

One of our customers creates self-contained devices that require calibration of rotation, various linear distances, angle, and temperature. We developed procedures, certificates, and templates from scratch to calibrate them.

Another customer has very specific processes and time requirements for a variety of flow calibrations. We ensure that the same knowledgeable technicians are reserved at the same time every month to provide the consistency required.

On multiple occasions, we've worked to develop or learn calibration procedures for proprietary equipment to assume the calibration challenges for customers who no longer wanted to do so themselves.

We're proud of our long-term view on partnering with customers to provide value-added, customized service. We also thank our customers with whom we continue to enjoy continued relationships!

Next month we promise to ease up on the self-promotion. We're not sure how or with what yet – but at the *very* least, it's safe to say it'll be mediocre!

About This Issue

- This is the first issue since August 2018 with no pictures in the main article; we don't blame anyone who skipped it just because of that
- At least one person at DTS has been to Zambia before. Regrettably, he knew nothing of the Meda then.

Ask Kal, the Calibration Quokka



Hey Kal, I was told I have several equipment items that can be calibrated either in the lab or onsite at my facility. Is one better than the other?

Either is fine! Really, it's whatever you prefer that minimizes the impact on your operations. Usually, the master equipment that travels with a technician in the field is just the slightest bit less accurate than the measurement standards found in an environmentally-controlled lab. However, that's rarely that big of a deal. If you have a pin set you want calibrated at your facility, the micrometer used to measure it is good, but without controlling for things like temperature and humidity, you can't help but have slightly looser tolerances than you might in a lab. But you're still getting 10,000ths of an inch of accuracy, which is almost certainly enough.

So, would you rather miss the use of your equipment for a couple weeks by shipping it out? Or would you prefer catering to a couple technicians in your facility for a day as they set up shop, turning your equipment back to you as each is calibrated? Up to you!

Have a general calibration-related question you'd like answered?
Email newsletter@dts-na.com with "Ask Kal" as the subject!



EASTEC

Last month, Diamond Technical Services attended EASTEC, a leading manufacturing trade show in the northeast. It was a great chance to visit with vendors and customers, and to have a picture taken with a large bronze Bigfoot for some reason.



Metrology Facts: Zambia edition

As part of its World Metrology Day celebration, Zambia's national metrology body launched a new measure for dry capacity.

Called the "Meda," it's a volume of about 5 liters and is used for measuring goods such as beans, rice, and nuts. The Meda is a commonly used unit of measurement for marketers when selling dry products.

Now, if you ever happen to find yourself in a situation where you're asked to provide an interesting fact...still don't mention this one. You won't win any new friends, and you'll probably lose one or two old ones.

For questions, comments, concerns, or to opt out of emails, please contact:
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