

## Bauske, Shelly A.

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**From:** Ukele, Cassandra <Cassandra.Ukele@magellanlp.com>  
**Sent:** Monday, November 30, 2015 3:55 PM  
**To:** Gallion, Joshua C.; Bauske, Shelly A.  
**Cc:** Haugen, Mark  
**Subject:** RE: Thermometer calibration Inquiry from state of ND

Yes, Magellan accepts these certifications for the thermometers used when calibrating our provers. Thank you.

With a smile,

Cassie M. Ukele

Consultant Measurement Systems  
Magellan Midstream Partners, L.P.  
(918) 574-7871 - Office  
(918) 845-6135 - Mobile  
(918) 574-7247 - Fax  
[Cassandra.Ukele@magellanlp.com](mailto:Cassandra.Ukele@magellanlp.com)

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**From:** Gallion, Joshua C. [<mailto:jcgallion@nd.gov>]  
**Sent:** Monday, November 30, 2015 3:54 PM  
**To:** Ukele, Cassandra; Bauske, Shelly A.  
**Cc:** Haugen, Mark  
**Subject:** RE: Thermometer calibration Inquiry from state of ND

Cassandra,

Thanks for looking into this. Does Magellan accept these certifications for the thermometers used in testing your provers? If yes, we can move forward with the variance. Please respond to this email so we can include with our supporting documentation.

Thanks,  
Josh

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**From:** Ukele, Cassandra [<mailto:Cassandra.Ukele@magellanlp.com>]  
**Sent:** Monday, November 30, 2015 8:49 AM  
**To:** Gallion, Joshua C. <[jcgallion@nd.gov](mailto:jcgallion@nd.gov)>; Bauske, Shelly A. <[sbauske@nd.gov](mailto:sbauske@nd.gov)>  
**Cc:** Haugen, Mark <[Mark.Haugen@magellanlp.com](mailto:Mark.Haugen@magellanlp.com)>  
**Subject:** FW: Thermometer calibration Inquiry from state of ND

Josh and Shelly,

I contacted Meter Engineers, who then also requested information from Johnson Gauge and Inspection. Attached is the Calibration report from Johnson Gauge with the NIST information highlighted. This lab uses NIST traceable equipment and processes in all of their calibrations. Please just let me know if you need any other information. Thanks!

With a Smile,

4 WM-15-782 Filed: 11/30/2015 Pages: 2  
Acceptance of thermometer certification

Cassie M. Ukele

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**From:** Deb Jacobs [<mailto:debjacobs@meterengineers.com>]  
**Sent:** Wednesday, November 25, 2015 12:05 PM  
**To:** Ukele, Cassandra  
**Subject:** RE: Thermometer calibration Inquiry from state of ND

Cassie:

I talked to Johnson Gage that certifies our thermometers and they are NIST traceable. I highlighted the line that states they are NIST traceable. I hope this helps.

Deb Jacobs  
Meter Engineers, Inc

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**From:** Ukele, Cassandra [<mailto:Cassandra.Ukele@magellanlp.com>]  
**Sent:** Monday, November 23, 2015 10:15 AM  
**To:** Deb Jacobs  
**Subject:** Thermometer calibration Inquiry from state of ND

Good morning Deb!

We were contacted by the state of North Dakota with an inquiry on the lab that does the calibrations on your thermometers used for waterdraws. Evidently, the state of North Dakota did not see where the device used to calibrate the thermometers was a NIST device. From what I can tell there is a traceability number listed and the NIST procedures are called out in the fine print on these calibration reports. I am positive this lab is using NIST caliber equipment, so I was curious if you had any additional documentation or information on this Johnson Gauge and Inspection calibration standard that would put the state of North Dakota at ease?

I have attached the email with the calibration reports the state of North Dakota is inquiring about. Thanks!

With a Smile,

Cassie M. Ukele

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