

**PENNDOT – Engineering District 10-0  
ISO 9001 Internal Audit Report  
(02/06)**

<b>Department</b>	<b>Audit Process</b>	<b>Date &amp; Time of Audit</b>
Construction	7.6	3/25/13 10:55 am

<b>Auditor(s)</b>	<b>Audit Objectives:</b>
1. Katherine Bailly 2. Dave Schaffer	To define process for controlling measuring and monitoring devices.

<b>Name of Auditee(s)</b>	<b>Auditee(s) job Function</b>
1. Tom Knieriem	1. Civil Engineering Manager Bridges

<b>Item(s) or areas audited</b>
7.6 Control of Monitoring and Measuring Devices

<b>Auditee Comments:</b>
<input type="radio"/> None

<b><u>Plan approved by: (Management Representative)</u></b>
Tim McClellan

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## Audit Criteria

### External requirements (questions)

1. No external questions for Construction

### External requirements (answers)

- 1.

### Internal requirements (questions)

1. Does Construction still use the humidity gage during painting of structural steel?
2. Who performs the calibrations on the humidity gage?

### Internal requirements (answers)

1. Both the Department's coatings inspector and the contractor's QC person are required to use this equipment.
2. It is up to each end user to determine their policy on calibration or verification of gauge accuracy. In the case of the hand held, it's cheaper to buy new bulbs or a new gauge than it is to obtain a certificate of calibration. If you feel the gauge is no longer accurate, you can stick the thermometer in a cup of ice to determine if it's reading 32F.

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<b>Overall Statement of Effectiveness of the Quality Management System</b>
<b>Areas of strength regarding ability to meet requirements- including observed <u>BEST Practices</u></b> 1. Humidity gages are used on the job, but results are compared with other methods of measuring humidity to determine accuracy.
<b>Areas to consider for improvement:</b> 1. None
<b>Specific observed nonconformities (Findings): If Applicable, Follow-up Scheduled:</b> 1.
<b>Observations and auditor comments:</b> 1. Tom is knowledgeable of the requirements for the use of gages in the field and Department procedures involving this equipment.
<b>Statement of overall effectiveness of the system:</b> <ul style="list-style-type: none"><li>• The process appears to be functioning very well and meeting all required objectives</li></ul>
<b>Distribution of Audit Report:</b> <ul style="list-style-type: none"><li>• Manager of area audited</li><li>• A.D.E. Construction</li><li>• ISO Management Representative</li></ul>
<b>Unit Manager Comments Including Follow-Up Action: (if any)</b> ➤