The above designated instrument was calibrated on the date shown in direct comparison to an Ametek Model DTI050 Digital Thermometer, Serial No. 2941072, Probe Serial No. 621609-06. The Standard Thermometer is traceable to NIST (National Institute of Standards and Technology) and was last calibrated on 18-December-2015. The accuracy of the Standard is verified at planned intervals by comparison to pressure standards traceable to NIST. The Standard’s maximum combined uncertainty is ±0.020°C.

The **Kestrel 5000 Environmental Meter** has a published Temperature accuracy of ± 0.5°C in the range of -29 to 70°C.

<table>
<thead>
<tr>
<th>Point</th>
<th>Reference</th>
<th>Acceptable Limits</th>
<th>DUT as Found</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>-10.0 °C</td>
<td>-11.0 to -9.0 °C</td>
<td>-10.1 °C</td>
<td>-0.1 °C</td>
</tr>
<tr>
<td>2</td>
<td>50.0 °C</td>
<td>49.0 to 51.0 °C</td>
<td>50.1 °C</td>
<td>0.1 °C</td>
</tr>
</tbody>
</table>

**NOTES:**

- Calibration was performed in a temperature-controlled chamber maintained at 25°C. Nominal time at each calibration value was 1 hour.
- Problems noted: None
- Instrument was received in tolerance for Temperature.
- Instrument was received out of tolerance for Temperature.
- No change was made to instrument.
- The **maximum** recommended recalibration interval is 24 months. This instrument should be recalibrated sooner if it is frequently used at the extremes of the specified operational range. A shorter recalibration interval may also be required by user guidelines or advisable if maximum accuracy is required for the instrument application.

Technical Operator: John Smith

Approved By: Nils Steffensen, Director of Engineering