

**PRECISION MEASUREMENTS  
CORPORATION**

553-E Pylon Drive • Raleigh, NC 27606

(919) 755-0382

FAX 755-0383

www.calibrationlab.com

**CALIBRATION CERTIFICATE**

**MANUFACTURER:** Fowler

**MODEL NUMBER:** 12"

**SERIAL NUMBER:** 080810425

**DESCRIPTION:** Ruler

**PROPERTY OF:** Sirchie

**TEST PERFORMED BY:** B.Cullen

**TEST DATE:** 03/05/19

**TEMPERATURE:** 20°C      **HUMIDITY:** 29%

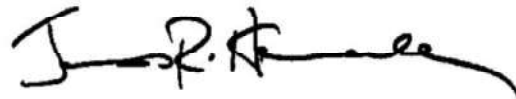
**NEXT CALIBRATION DUE:** 03/05/2021

**CERTIFICATE NUMBER:** 190305-36      Page 1 of 2

The above instrument was checked and calibrated against working standards which are traceable to the NIST and through NIST to the International System of Units (SI). The metrology procedures utilized conform to and satisfy the requirements of ISO/IEC 17025: 2005, ISO 10012-1, and ANSI/NCSL Z540.3-2006. The above instrument performance was determined using the specifications available from the manufacturer or some equivalent acceptable reference or PMC procedures specified in the QA manual. Expanded uncertainties represent uncertainties expressed at the 95% confidence level using a coverage factor of K=2. Although the item calibrated meets the specifications and performance at the time of calibration, due to any number of factors, the recommended due date of the item calibrated does not imply continuing conformance to specifications during the recommended interval. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

Instrument Received: Within Tolerance

Instrument Returned: Within Tolerance



Authorized Signature

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## STANDARDS PAGE

<b>Property Of:</b>	Sirchie
<b>Certificate Number:</b>	190305-36 Page 2 of 2
<b>Manufacturer:</b>	Fowler
<b>Model Number:</b>	12"
<b>Serial Number:</b>	080810425
<b>Test Date:</b>	03/05/19
<b>Temperature:</b>	20 °C
<b>Relative Humidity:</b>	29%
<b>Description:</b>	Ruler
<b>Accuracy:</b>	Manufacturers Specs
<b>Repair Status:</b>	N/A
<b>Calibration Specs:</b>	Manufacturer

### Standards Used

Manufacturer	Model Number	Serial Number	Cal Date	Cal Due	Description	Best Uncertainty
Mitutoyo	516-334	346576	02/05/15	2/2020	Ceramic Gage Block Set	+/- .000002"
Starrett	C635-1000	PMC-15	12/20/18	12/2021	Precision Steel Rule	+.008"/-.004" or +0.2mm/-0.1mm

### Applicable NIST Tests

Linear- 821/276614-08; 821/271309-05; L1S14072070307

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**CALIBRATION CERTIFICATE**

**MANUFACTURER:** Fowler

**MODEL NUMBER:** 24"

**SERIAL NUMBER:** 130810205

**DESCRIPTION:** Ruler

**PROPERTY OF:** Sirchie

**TEST PERFORMED BY:** B.Cullen

**TEST DATE:** 03/05/19

**TEMPERATURE:** 20°C      **HUMIDITY:** 29%

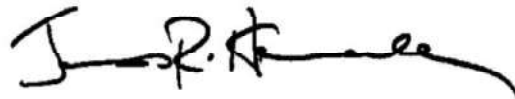
**NEXT CALIBRATION DUE:** 03/05/2021

**CERTIFICATE NUMBER:** 190305-37      Page 1 of 2

The above instrument was checked and calibrated against working standards which are traceable to the NIST and through NIST to the International System of Units (SI). The metrology procedures utilized conform to and satisfy the requirements of ISO/IEC 17025: 2005, ISO 10012-1, and ANSI/NCSL Z540.3-2006. The above instrument performance was determined using the specifications available from the manufacturer or some equivalent acceptable reference or PMC procedures specified in the QA manual. Expanded uncertainties represent uncertainties expressed at the 95% confidence level using a coverage factor of K=2. Although the item calibrated meets the specifications and performance at the time of calibration, due to any number of factors, the recommended due date of the item calibrated does not imply continuing conformance to specifications during the recommended interval. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

Instrument Received: Within Tolerance

Instrument Returned: Within Tolerance



Authorized Signature

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## STANDARDS PAGE

<b>Property Of:</b>	Sirchie
<b>Certificate Number:</b>	190305-37 Page 2 of 2
<b>Manufacturer:</b>	Fowler
<b>Model Number:</b>	24"
<b>Serial Number:</b>	130810205
<b>Test Date:</b>	03/05/19
<b>Temperature:</b>	20 °C
<b>Relative Humidity:</b>	29%
<b>Description:</b>	Ruler
<b>Accuracy:</b>	Manufacturers Specs
<b>Repair Status:</b>	N/A
<b>Calibration Specs:</b>	Manufacturer

### Standards Used

Manufacturer	Model Number	Serial Number	Cal Date	Cal Due	Description	Best Uncertainty
Mitutoyo	516-334	346576	02/05/15	2/2020	Ceramic Gage Block Set	+/- .000002"
Starrett	C635-1000	PMC-15	12/20/18	12/2021	Precision Steel Rule	+.008"/-.004" or +0.2mm/-0.1mm

### Applicable NIST Tests

Linear- 821/276614-08; 821/271309-05; L1S14072070307

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**CALIBRATION CERTIFICATE**

**MANUFACTURER:** Fowler

**MODEL NUMBER:** 6"

**SERIAL NUMBER:** 190810236

**DESCRIPTION:** Ruler

**PROPERTY OF:** Sirchie

**TEST PERFORMED BY:** B.Cullen

**TEST DATE:** 03/05/19

**TEMPERATURE:** 20°C      **HUMIDITY:** 29%

**NEXT CALIBRATION DUE:** 03/05/2021

**CERTIFICATE NUMBER:** 190305-34      Page 1 of 2

The above instrument was checked and calibrated against working standards which are traceable to the NIST and through NIST to the International System of Units (SI). The metrology procedures utilized conform to and satisfy the requirements of ISO/IEC 17025: 2005, ISO 10012-1, and ANSI/NCSL Z540.3-2006. The above instrument performance was determined using the specifications available from the manufacturer or some equivalent acceptable reference or PMC procedures specified in the QA manual. Expanded uncertainties represent uncertainties expressed at the 95% confidence level using a coverage factor of K=2. Although the item calibrated meets the specifications and performance at the time of calibration, due to any number of factors, the recommended due date of the item calibrated does not imply continuing conformance to specifications during the recommended interval. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

Instrument Received: Within Tolerance

Instrument Returned: Within Tolerance



Authorized Signature

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<b>Property Of:</b>	Sirchie
<b>Certificate Number:</b>	190305-34 Page 2 of 2
<b>Manufacturer:</b>	Fowler
<b>Model Number:</b>	6"
<b>Serial Number:</b>	190810236
<b>Test Date:</b>	03/05/19
<b>Temperature:</b>	20 °C
<b>Relative Humidity:</b>	29%
<b>Description:</b>	Ruler
<b>Accuracy:</b>	Manufacturers Specs
<b>Repair Status:</b>	N/A
<b>Calibration Specs:</b>	Manufacturer

### Standards Used

Manufacturer	Model Number	Serial Number	Cal Date	Cal Due	Description	Best Uncertainty
Mitutoyo	516-334	346576	02/05/15	2/2020	Ceramic Gage Block Set	+/- .000002"
Starrett	C635-1000	PMC-15	12/20/18	12/2021	Precision Steel Rule	+.008"/-.004" or +0.2mm/-0.1mm

### Applicable NIST Tests

Linear- 821/276614-08; 821/271309-05; L1S14072070307