SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SHERWOOD PATTERN CO
4231 Martin Rd
Commerce Township, MI 48390
Chelsea Button Phone: 248-363-7133

CALIBRATION

Valid To: March 31, 2020 Certificate Number: 4785.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Dimensional Testing/Calibration[3]

| Parameter/Equipment | Range | CMC[2] (±) | Comments |
|---|---|---|---|
| 3D Length – Measure, Volumetric | X: Up to 2500 mm<br>Y: Up to 1000 mm<br>Z: Up to 1000 mm | 0.12 mm | CMM |

[1] This laboratory offers commercial calibration/dimensional testing service.

[2] Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMC's represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] Test(s) conducted is performed in accordance with *R205 – Specific Requirements: Calibration Laboratory Accreditation Program* and is deemed equivalent with a calibration.



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# Accredited Laboratory

A2LA has accredited

## Sherwood Pattern Co.

*Commerce Township, Michigan*

for technical competence in the field of

## Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 2nd day of March 2018.

President and CEO
For the Accreditation Council
Certificate Number 4785.01
Valid to March 31, 2020

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*