# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## Streamlined Precision Technologies Inc

21 Bayview Terrace
Mill Valley, CA  94941, USA

Calibration Laboratory CL-193has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with the ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website (www.iasonline.org).

*This certificate is valid up to June 1, 2020.*

*(See laboratory's scope of accreditation for fields of calibration and accredited calibration.)*

*This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.*

**Raj Nathan**
**President**

18-15965

# SCOPE OF ACCREDITATION

| | |
|---|---|
| IAS Accreditation Number | CL-193 |
| Accredited Entity | Streamlined Precision Technologies Inc |
| Address | 21 Bayview Terrace<br>Mill Valley, CA 94941<br>USA |
| Contact Name | Thomas Gore, President |
| Telephone | +1 (888) 914-8480 |
| Effective Date of Scope | February 2, 2019 |
| Accreditation Standard | ISO/IEC 17025:2005 |

## CALIBRATION AND MEASUREMENT CAPABILITY (CMC)[1,2]

| CALIBRATION AREA | RANGE | EXPANDED UNCERTAINTY[3] (±) | TECHNIQUE, REFERENCE STANDARD, EQUIPMENT |
|---|---|---|---|
| ***Dimensional*** | | | |
| On-site Calibration of 3-D Coordinate Measuring Machines for Axes Positioning | X-Y: 350 mm x 350 mm<br><br>Z: 100 mm | 1.5 µm<br><br>1.6 µm | 2-D Calibration Grid Standard, 300 mm x 287 mm w/ certified data file of XY nodes<br><br>Certified Gage Blocks |
| On-site Calibration of 3-D Coordinate Measuring Machines for Axes Positioning | X-Y: 650 mm x 650 mm<br><br>Z: 200 mm | 2.2 µm<br><br>1.8 µm | 2-D Calibration Grid Standard, 500 mm x 400 mm w/ certified data file of XY nodes<br><br>Certified Gage Blocks |
| On-site Calibration of 3-D Coordinate Measuring Machines for Axes Positioning | X-Y: 815 mm x 815 mm<br><br>Z: 300 mm | 2.4 µm<br><br>2.0 µm | 2-D Calibration Grid Standard, 600 mm x 550 mm w/ certified data file of XY nodes<br><br>Certified Gage Blocks |
| Calibration of 2-D and 1-D artefacts | 250 mm x 160 mm<br>(diagonal length: 300 mm) | 3.5 µm<br>(1-D steel artefact)<br><br>3.3 µm<br>(1-D and 2-D glass artefact) | Micro-Vu CMM<br>Model: Vertex 251UC |

[1]The uncertainty covered by the Calibration and Measurement Uncertainty (CMC) is expressed as the expanded uncertainty having a specific coverage probability of approximately 95 %. It is the smallest measurement uncertainty 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. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than

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that provided in the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[2]If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.

[3]When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.