



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **Streamlined Precision Technologies Inc**

21 Bayview Terrace  
Mill Valley, CA 94941, USA

Calibration Laboratory CL-193 has 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](http://www.iasonline.org)).

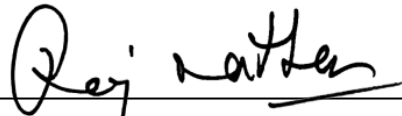
*This certificate is valid up to June 1, 2020.*

*(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](http://www.iasonline.org) for current accreditation information, or contact IAS at 562-364-8201.*



  
Raj Nathan  
President



# SCOPE OF ACCREDITATION

IAS Accreditation Number	CL-193
Accredited Entity	Streamlined Precision Technologies Inc
Address	21 Bayview Terrace Mill Valley, CA 94941 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)<sup>1,2</sup>

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

<sup>1</sup>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.

<sup>2</sup>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.

<sup>3</sup>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.