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|  | Issued By: Rob Valente | Approved By: Ed DeRieu | Effective Date June 27, 2006 | Page 1 of 1 |
| | Form Name: Scope | Form No: | Document No: Pro 0.6 | Revision 1 |

SCOPE OF ACCREDITATIONS

Tarus performs the following calibration and certification services in accordance with ISO/IEC 17025:2005.

| Calibration Parameter/Equipment | Range | Best Measurement Capability (+/-)3 | Comments |
|---------------------------------|--|---|---|
| Linearity | 40 Meters | +/- .70 μ m | Renishaw ML-10 Laser |
| Straightness | Long Range = 40 M Short Range = 4 M | $\pm 2.5\% \pm 5 \pm 0.015M^2 \mu$ m $\pm 0.5\% \pm 0.5 \pm 0.15M^2 \mu$ m | Renishaw ML-10 Laser |
| Flatness | Axial = 0 -15 M Flatness = ± 1.5 mm | $\pm 0.6\%^* \pm 0.02M^2 \mu$ m | Renishaw ML-10 Laser |
| Environment | 0 – 40°C | Air Temp = +/- .35°C Air Pressure = +/- 1.1 mBar Air Humidity = +/- 17.9% | Renishaw EC-10 |
| Volumetric | 2 Meters | [+/- .11 + .2*L] μ m | Ball Bar ASME B89.4.1-1997 (L=meters) |
| CMM | Up to 20 Meters | +/- .70 μ m | Renishaw ML-10 Laser |
| CNC | Up to 20 Meters | +/- .70 μ m | Renishaw ML-10 Laser |

Best uncertainties represent expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.

Stated uncertainties are described when performing calibrations in the lab. Environment outside the lab may expand upon this stated uncertainty.

Specifications used by Tarus Products are Nationally and International recognized.