Appendix 1 – Measurement Uncertainty Checklist

[redacted]	**Technical Specification:** *e.g. IPTS-68*	[redacted]
Types of Equipment Used: *e.g. Heat Source* *2nd Test Gage* *Voltage Source* *Freezer Unit*	[redacted]	[redacted]
[redacted]	[redacted]	**Environmental Conditions:** *e.g. 70°f Humidity 50%*

Uncertainty Factors

Possible Factor	Factor Yes / No	Type A or Type B
Sampling	*n/a*	*B*
[redacted]	*n/a*	*B*
[redacted]	*n/a*	*B*
[redacted]	*n/a*	*B*
[redacted]	*Yes*	*B*
[redacted]	*Yes*	*B*
[redacted]	*Yes*	*B*
[redacted]	*Yes*	*B*
[redacted]	*Yes*	*B*
[redacted]	*n/a*	*B*
Test or Calibration Measurements	*Yes*	*A*

Results

[redacted]	Arithmetic Mean	[redacted]	Type Distribution
[redacted] [redacted] [redacted]	*0.0245°C* *0.0500°C* *0.06°C*	*0.02°C* *0.03°C* *0.13°C*	*Normal* *Rectangular* *Normal*
[redacted]			

Calculate Expanded Uncertainty: *e.g. 0.053°c*

Commented [170251]: Information about the item under test (IUT) or the piece of equipment to be calibrated.

Commented [170252]: Reference the standards and guides listed in the procedure for a complete list of Type A and B factors.

Commented [170253]: Type A factors are always variable [redacted]

Commented [170254]: n/a = Not Applicable. Meaning it is not a factor in this test or calibration.

Commented [170255]: Other sources of Type A data are [redacted]

Commented [170256]: Most data falls under a normal [redacted]

Commented [170257]: The complete formulas for [redacted]

[organization name]

[name]

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[signature]

Commented [170258]: This is only necessary if the document is in paper form.