2T41-2

STONE TUCKER INSTRUMENTS

CERTIFICATE OF CALIBRATION

Certificate Number: AJ2024-1018-009 **Date of Certification:** 18-Oct-24

Equipment/Unit: SPY 785 High-Voltage Porosity Detector

Serial Number: 785-12778

Unit condition found: In accuracy **Unit condition left:** In accuracy

Testing Environment: Temperature: 23°C, ±5 Humidity: 50%, ±20%

Test Method: The Unit mentioned above has been tested and calibrated using Procedure STI-CP-017, and Standards listed below that are tested and certified or traceable to NIST standards. Unit now meets the Manufacturer's specifications of:

0 to 15kV: ±5% of reading

Standards Used For Calibration:

Asset ID	Standard Reference	Serial #	Cal Date	Due Date
AA31	Digital Oscilloscope	C014126	13-Nov-23	13-Nov-24
AA34	High Voltage Probe	C080633	13-Nov-23	13-Nov-24

As Found:

Nominal Test (KV)	Unit Display (KV)	Min (KV)	Standard Reading (KV)	Max (KV)	PASS / FAIL
1.0	1.00	0.95	1.00	1.05	PASS
3.0	3.00	2.85	3.00	3.15	PASS
5.0	5.00	4.75	5.00	5.25	PASS
10.0	10.00	9.70	10.00	10.30	PASS
15.0	15.00	14.55	15.00	15.45	PASS

As Left:

Nominal Test (KV)	Unit Display (KV)	Min (KV)	Standard Reading (KV)	Max (KV)	PASS / FAIL
1.0	1.00	0.95	1.00	1.05	PASS
3.0	3.00	2.85	3.00	3.15	PASS
5.0	5.00	4.75	5.00	5.25	PASS
10.0	10.00	9.70	10.00	10.30	PASS
15.0	15.00	14.55	15.00	15.45	PASS

Calibration Interval is dependent on the Quality Management System of the end user and/or site requirements.

Unit Certified by: David J Daigle

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