

**CERTIFICATE OF
 CALIBRATION**



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00368-840	IDENTIFICATION	EL-056A
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	368
TEST INSTRUMENT	ESD Discharge Network	PURCHASE ORDER #	
MAKE	Teseq	PROCEDURES FOLLOWED	EL-056A rev. 1
MODEL	INA 4584	STANDARDS USED	
RANGE	250 pf, 1500 Ohm	INSTRUMENT	SERIAL NUMBER
CUSTOMER LOCATION	Location1 Location2	FVS-253	B010323
CONDITION RECEIVED	In Tolerance	FVS-275T	168
CONDITION RETURNED	In Tolerance	FVS-998	TBESDT1007
CALIBRATED BY	Brian L Gliszinski	FVS-A45A	66230085
REVIEWED/ISSUED	D.P. 07/29/2025	TRACE NUMBER	NEXT CAL
CALIBRATION LOCATION	FVM	CP112-59863-762	07/31/2025
ENVIRONMENT	69.0°F, 31.0%RH, 28.92inHg	C0149-18979-690	07/31/2025
CALIBRATION DATE	05/14/2025	C0352-30194-087	07/31/2025
RECALIBRATION DUE	05/14/2026	C0344-42431-548	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Voltage Accuracy (UL 1023)	(kV)	(kV)	(kV)	(kV)	(kV)	(kV)
	8.00	7.60	8.40	8.00	8.00	6.0E-3
	10.00	9.50	10.50	10.00	10.00	6.0E-3
	12.00	11.40	12.60	12.00	12.00	6.0E-3
	-8.00	-8.40	-7.60	-8.00	-8.00	6.0E-3
	-10.00	-10.50	-9.50	-10.00	-10.00	6.0E-3
	-12.00	-12.60	-11.40	-12.00	-12.00	6.0E-3
RC Time Constant	(nS)	(nS)	(nS)	(nS)	(nS)	(nS)
	~375	375	375	375	375	6.0E-1

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration. Nominal and limits may vary based on actual make/model.

- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
- Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
- The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.