Fox Valley Metrology
3114 Medalist Drive
Oshkosh, WI 54902
(920) 426-5894 • Fax (920) 426-8120
https://www.FoxValleyMetrology.com

CERTIFICATE OF CALIBRATION

ilac-MRA
ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 CALIBRATION AND DIMENSIONAL MEASUREMENT
Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00120-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	Torque Tester
MAKE	AWS
MODEL	QCI-250
RANGE	(25 to 250) in lb
ACCURACY	±1%
CUSTOMER LOCATION	Location1 Location2
CONDITION RECEIVED	In Tolerance
CONDITION RETURNED	In Tolerance
CALIBRATED BY	Andrew Gorchels
REVIEWED/ISSUED	D.P. 07/29/2025
CALIBRATION LOCATION	FVM
ENVIRONMENT	69.0°F, 31.0%RH, 29.01inHg
CALIBRATION DATE	05/14/2025
RECALIBRATION DUE	05/14/2026

IDENTIFICATION	MC-004D
SERIAL NUMBER	120
PURCHASE ORDER #	

PROCEDURES FOLLOWED

MC-004D rev. 2

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVS-019P	N/A	CO220-23162-489	03/31/2026
FVS-275M	16787403.2849444 516308752	CO141-16400-690	06/20/2025
FVS-734	3532	CP098-24468-421	04/30/2028

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Clockwise	(in lb)	(in lb)	(in lb)	(in lb)	(in lb)	(in lb)
	50.00	49.50	50.50	50.00	50.00	6.0E-3
	50.00	49.50	50.50	50.00	50.00	6.0E-3
	50.00	49.50	50.50	50.00	50.00	6.0E-3
	150.0	148.5	151.5	150.0	150.0	6.0E-2
	150.0	148.5	151.5	150.0	150.0	6.0E-2
	150.0	148.5	151.5	150.0	150.0	6.0E-2
	250.0	247.5	252.5	250.0	250.0	6.0E-2
	250.0	247.5	252.5	250.0	250.0	6.0E-2
	250.0	247.5	252.5	250.0	250.0	6.0E-2
Counter-Clockwise	(in lb)	(in lb)	(in lb)	(in lb)	(in lb)	(in lb)
	50.00	49.50	50.50	50.00	50.00	6.0E-3
	50.00	49.50	50.50	50.00	50.00	6.0E-3
	50.00	49.50	50.50	50.00	50.00	6.0E-3
	150.0	148.5	151.5	150.0	150.0	6.0E-2
	150.0	148.5	151.5	150.0	150.0	6.0E-2
	150.0	148.5	151.5	150.0	150.0	6.0E-2
	250.0	247.5	252.5	250.0	250.0	6.0E-2
	250.0	247.5	252.5	250.0	250.0	6.0E-2
	250.0	247.5	252.5	250.0	250.0	6.0E-2

Reviewed

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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.