

National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Norbar Torque Tools Inc., Torque Specialist

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CALIBRATION LABORATORIES

NVLAP LAB CODE 200596-0

NVLAP Code: 20/A01 ANSI/NCSL Z540-1-1994; Part 1 Compliant

MECHANICAL

NVLAP Code: 20/M06

Force - Torque

Range

Best Uncertainty (±) notes 1, 2

Remarks

10 oz·in to 1000 lb·ft

0.02 % of Indicated Value (IV)

Mechanical and electronic torque calibration equipment

500 lbf·ft to 5000 lbf·ft

0.03 % of Indicated Value (IV)

Mechanical and electronic torque calibration equipment

Electric Torque Indicator Display

Range note 3 Best Uncertainty (±) in % note 1 Remarks

10 mA to 22 mA 0.014 note 4

2008-07-01 through 2009-06-30

Effective dates For the National Institute of Standards and Technology

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NVLAP-01S (REV. 2004-10-31)



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- 1. Represents an expanded uncertainty using a coverage factor, k = 2, at an approximate level of confidence of 95 %.
- 2. The uncertainty quoted is for the application of Calibration Torque and does not take into account the characteristics of the device being calibrated.
- 3. Calibrations may be given in units of torque, as appropriate.
- 4. The uncertainties quoted are for the Norbar ETS 40320 series of display instruments. The uncertainties may be increased for other types of electrical torque indicator displays.
- 5. The uncertainties quoted are for the Norbar Torque Tool Tester 43215 series of display instruments when used with a device which has a nominal output of 2 mV/V. The uncertainties may be increased if the Torque Tool Tester 43215 is used with devices whose nominal output is less than 2 mV/V. The uncertainties may also be increased for other types of electrical torque indicator displays.

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