



## CERTIFICATE OF CALIBRATION

Serial No. : \_\_\_\_\_

Model #	Drive	Torque Setting	Minimum Allowable	Maximum Allowable	Actual Readings
41050	1/4"	50.0	48.0	52.0	
		150.0	144.0	156.0	
		250.0	240.0	260.0	
41051	3/8"	16.0	15.4	16.6	
		48.0	46.1	49.9	
		80.0	76.8	83.2	
41052	1/2"	30.0	28.8	31.2	
		90.0	86.4	93.6	
		150.0	144.0	156.0	
41053	1/2"	50.0	48.0	52.0	
		150.0	144.0	156.0	
		250.0	240.0	260.0	
41054	3/4"	120.0	115.2	124.8	
		360.0	345.6	374.4	
		600.0	576.0	624.0	
41055	1"	140.0	134.4	145.6	
		420.0	403.2	436.8	
		700.0	672.0	728.0	

This torque wrench has been factory calibrated and found to conform to the accuracy requirements (+/- 4%) of the American Standards Institute ASME B107.14-1994, BSEN 26789:1994, ISO 6789-1992, DIN 3122, and U.S. Government Specification GGG-W-00686C.

Tested By: \_\_\_\_\_ Date: \_\_\_\_\_



# AMERICAN FORGE & FOUNDRY™

Dear Customer,

You have purchased a high quality American Forge & Foundry micrometer torque wrench. It is a fine precision instrument with a release accuracy of +/- 4% of the torque setting.

Please read and carefully observe the following operating instructions.

## ADJUSTMENT OF THE TORQUE VALUE

1. Pull lock ring to “UNLOCK” position (see FIGURE A1.)
2. Turn handle until upper edge aligns itself with the desired torque setting (ie..90 ft/lbs as shown in FIGURE B1.)
3. Use the scale on the beam as well as the values on the handle to achieve desired torque setting.
4. Push lock ring to “LOCK” position (see FIGURE A2.)
5. Torque wrench can be set to ft/lbs (primary scale) or Nm (secondary scale)

## OPERATION

1. Operate the torque wrench in the lower torque range upon first use or following a lengthy storage period to ensure the mechanism is uniformly lubricated.
2. Set the desired torque.
3. Pull slowly and evenly towards you. Once torque is reached it is signaled by a perceptible jolt and by a simultaneous clicking noise. Please note the signal becomes proportionally louder as the torque setting is increased. Once the set torque has been achieved stop pulling immediately.

## NOTE

1. Do not use an extension or other device when operating the torque wrench. This will prevent the set torque value from being correctly signaled.
2. Never set the torque value above or below the limit of the scale.
3. Do not continue to apply pressure after torque value is reached. This may result in damage to the work or fastener.
4. Handle your torque wrench as carefully as you would treat a measuring instrument.

## MAINTENANCE AND INSPECTION

1. Set the torque to the lowest setting after each use to relieve stress on the compressive spring.
2. Use only dry materials to clean the wrench. Do not dip in gasoline or solvent.
3. The calibration of the wrench should be inspected every 6 months using suitable test equipment. Continuous use of the wrench may require more frequent testing.

