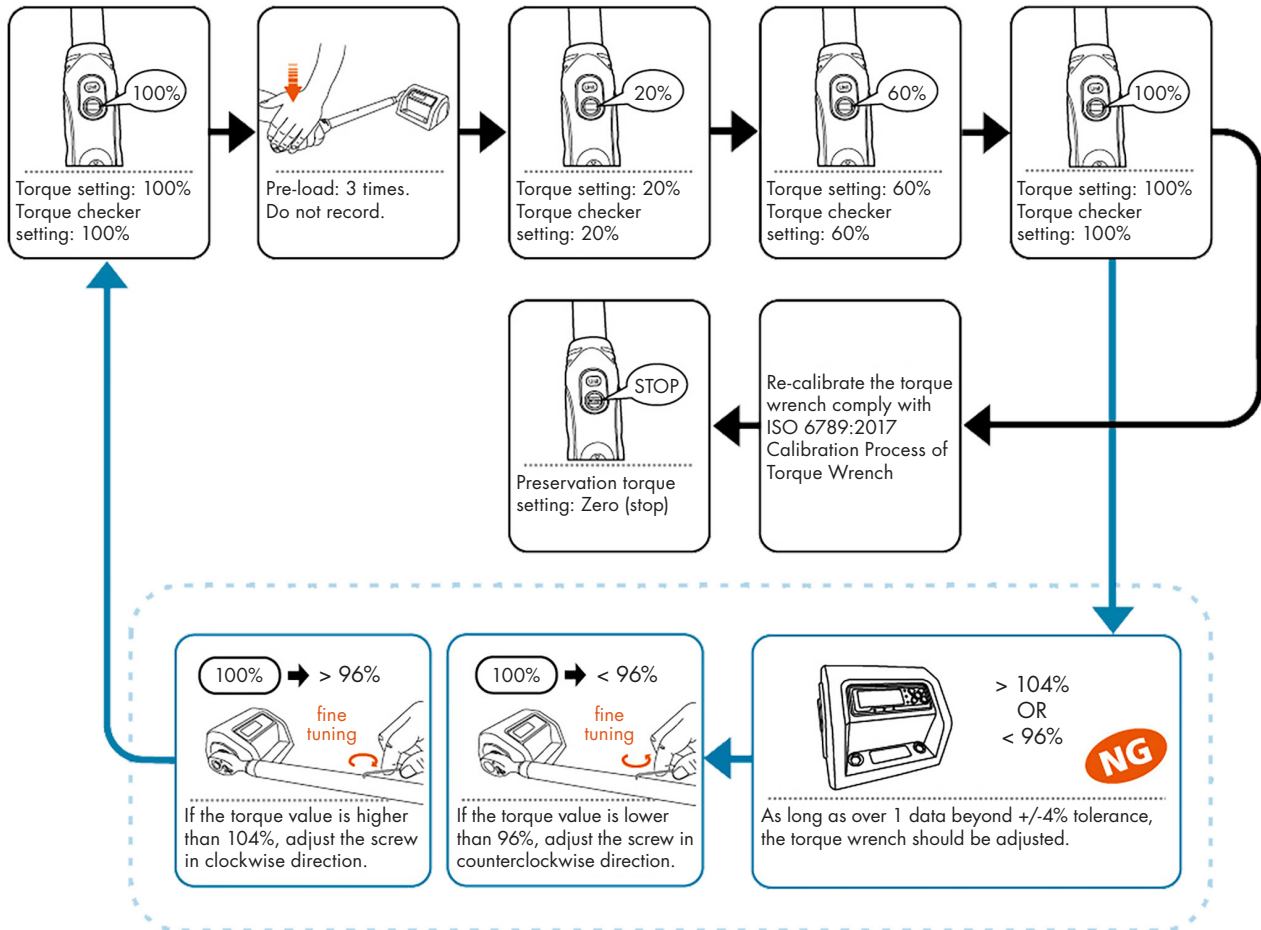


Screen Torque Wrench

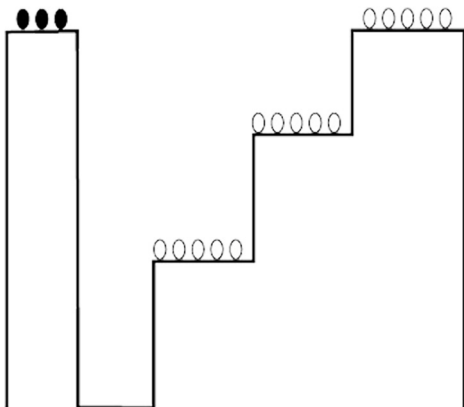
Preparation

1. Screen Torque Wrench x1
2. 2.5mm Allen Key x1
3. Torque Tester



Notice: If the torque data is not in the tolerance (+/-4%) after adjusting; contact your dealer or send the torque wrench back to factory to do further adjustment.

ISO 6789 : 2017 Calibration Process of Torque Wrench



Note: Before recording data, there should always have pre-operation to warm up the structure.

1. 0● are times of operating.
0 means formal operation, record the data.
● means pre-operation, do not record.
2. Operating 3 times ● in the Max torque (100%).
3. Loosen to the lowest torque.
4. Set to 20% of the Max torque, operate 5 0.
5. Set to 60% of the Max torque, operate 5 0.
6. Set to 100% of the Max torque, operate 5 0.
7. Loosen to the lowest torque.



ProMeister
Certificate of Conformance in accordance with ISO6789-1:2017

Model No: 36351
Serial No: 170712020
Range: 20-100N·m
Description: N/A
Ambient Temperature: 25°C
Inspector: Vincent

Max Deviation / Tolerance: 2.4%
Units: N·m
Humidity: 65%

Set Torque	Permissible Min. Max.	Test Results CW (% deviation)			
		1	2	3	4
20%	19.2 20.8	20.20 (1.0%)	20.30 (1.5%)	20.30 (1.5%)	20.30 (1.5%)
60%	57.6 62.4	59.85 (-0.58%)	59.58 (-0.20%)	59.72 (-0.47%)	59.69 (-0.51%)
100%	96 104	100.15 (0.15%)	100.23 (0.23%)	100.23 (0.23%)	100.20 (0.20%)

Set Torque	Permissible Min. Max.	Test Results CCW (% deviation)			
		1	2	3	4
20%	19.2 20.8	-19.98 (-0.13%)	-19.95 (-0.25%)	-19.92 (-0.40%)	-19.95 (-0.40%)
60%	57.6 62.4	-59.55 (-0.73%)	-59.47 (-0.84%)	-59.45 (-0.92%)	-59.45 (-0.92%)
100%	96 104	-99.88 (-0.12%)	-99.85 (-0.15%)	-99.82 (-0.18%)	-99.82 (-0.18%)

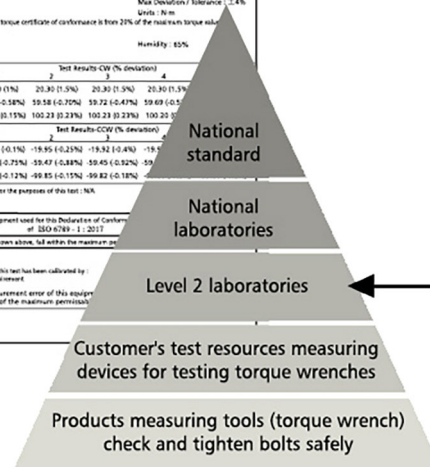
Accessories fitted to the Torque Wrench for the purposes of this test: N/A
Discrepancy: N/A

The limits shown, and the test equipment used for this Declaration of Conformance, are in accordance with ISO 6789-1:2017.

The Test Results shown above, fall within the maximum permitted.

Measurement Device used:
Model No: Norbar 1603 L100
The Measurement Device used to conduct this test has been calibrated by:
to meet ISO 17025:2005 traceability measurement.
The measurement error of this equipment (of the maximum permitted):

Date of Test: Sep. 26, 2017
Quality Manager:



Relation Figure of Screw and Torque

(Torque coefficient $K=0.2$)

Calculation formula

$$T = K \cdot d \cdot F$$

$$A = \frac{\pi}{4} \cdot d_2^2$$

$$\sigma = \frac{F_t}{A}$$

T : Tightening torque N·m

K : Torque coefficient ($\mu \approx 0.15$)

d : Nominal diameter of bolt mm

F_t : Axial tension N

A : Stress area of bolt mm²

d₂ : Pitch diameter of bolt mm

σ : Tensile stress of bolt N/mm²

