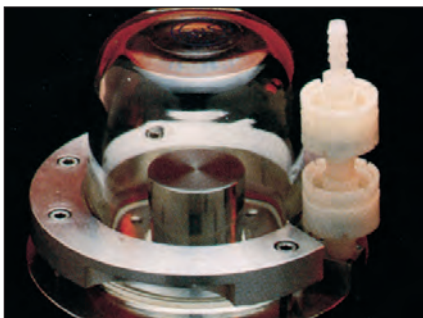


## Torque Wrench Traceable Calibration



Beams and Weights are traceable to International standards for length and mass

Photo courtesy of National Physical Laboratory



Production Line calibration equipment itself calibrated in Norbar's UKAS laboratory every four months.



Certificate generated on the production line during calibration



### Certificate Key

1. Torque Wrench Model.
2. Torque Wrench individual serial number.
3. Torque settings to which the wrench is calibrated.
4. Upper and lower tolerance as defined by the standard stated below.
5. The actual torque readings achieved by the wrench.
6. The standard against which the wrench is being tested.
7. Details of the test equipment and calibration certificate number. This information provides the traceability to our UKAS laboratory and hence to National Standards.

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### Certificate of Calibration

1. Model: 13658  
 2. Serial No: 2013/283067  
 Maximum Capacity: 50.0 Units: N.m.  
 Inspector: SK Ambient Temperature: 20°C

Set Torque	Min	Max	Actual Readings				
10.0	9.62	10.42	10.10	10.09	10.10	10.09	10.09
30.0	28.85	31.25	29.51	29.48	29.45	29.48	29.47
50.0	48.08	52.08	50.18	50.17	50.16	50.14	50.14

3. The limits shown and the test equipment used for this calibration comply with the requirements of ISO 6789 : 2003 6

The uncertainty of the test equipment at 20°C is  $\pm 1\% k=2$

The test equipment used in the performance of the above calibration has international traceability through the following calibration laboratory which is UKAS accredited to ISO 17025:2005.

UKAS Laboratory No.: 0256  
 7. Tester Model: Static TD  
 Serial No.: 66892  
 Cert No.: 66892

Date of Calibration  
**8 Nov 2013**  
 Quality Manager  
**J.Source**