

Conformity Check Indication

Atlas Copco

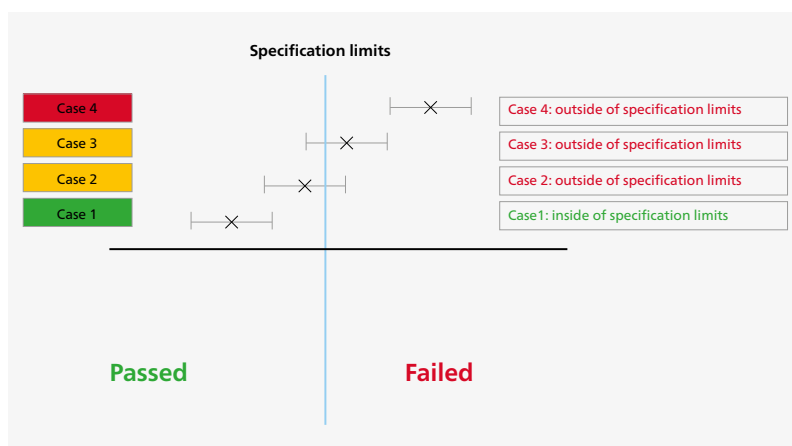
Company name:

Address:

Contact person:

| First and last name | Phone number | E-mail |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

The standard *DIN EN ISO/IEC 17025:2018* "**General requirements for the competence of testing and calibration laboratories**" requires the definition of decision rules regarding a possible statement of conformity. In the calibration laboratories at Atlas Copco, we have decided to take the uncertainty of measurement determined during the calibration of the measuring equipment into account in all circumstances.



The specification limit is the permissible deviation specified by customers. However, the detected deviation (X) must be taken into account with regard to the measurement uncertainty associated with the measurement result within the specification.

This means the conformity check is only to be considered positive for **case 1**:

The deviation + Uncertainty < Specification

If a conformity assessment is required by the customer, this must be ordered separately for each calibration in future.

According to the *DIN EN ISO/IEC 17025:2018* standard, the basis of the specification for conformity check must be defined when the order is placed.

The following order options are available (please select):

| | |
|--------------------------|---|
| Select | Order option 1 |
| <input type="checkbox"/> | Result report without conformity check If we do not have any information on the conformity check when the order is placed, this will be not carried out. You will receive your measuring equipment after calibration with result report without conformity check from us. |

Select



Order option 2

Result report with conformity check; specification according to laboratory recommendation*

| Torque | Permissible deviation** |
|---|----------------------------------|
| Drehmomentsensoren DIN 51309; VDI/VDE 2646; Euramet cg-14 | 0,5 % |
| Anzeige Drehmomentschlüssel DKD-R 3-7 | 0,5 % |
| Kalibriereinrichtungen für Drehmomentschraubwerkzeuge DKD-R 10-8 | 1,0 % |
| Handbetätigte Drehmomentschraubwerkzeuge DIN EN ISO 6789 | 4,0 % (>10 Nm) 6,0 % (≤10 Nm) |
| Angle | |
| Torque sensors VDI/VDE 2648 Sheet 1 | 1,5° |
| Torque wrenches VDI/VDE 2648 Sheet 2 | 3,6° |
| Force | |
| Force sensors DIN EN ISO 376; DKD-R 3-3 | 0,5 % |
| Electrical Calibration for Atlas Copco Display Devices | |
| ACTA 2000/3000/5000, STwrench Controller (Gyro) | 0,75 % |
| STa6000, STwrench Controller (Torque), Measuring Bench BLM/STbench, MRTT-C | 0,25 % |

*The laboratory recommendation is based on results data from Atlas Copco devices. Therefore, a deviation with third-party devices cannot be excluded. A specification according to customer requirements may be useful, see **order option 3**.

Select



Order option 3

Result report with conformity check; specification according to customer requirements

Please enter the tolerances according to your specifications in the following table:

| Torque | Permissible deviation** |
|--|-------------------------|
| Torque sensors DIN 51309; VDI/VDE 2646; Euramet cg-14 | |
| Display Torque wrenches DKD-R 3-7 | |
| Test application for tightening tools (torque) DKD-R 10-8 | |
| Hand-operated tightening tools (torque) DIN EN ISO 6789 | |
| Angle | |
| Torque sensors VDI/VDE 2648 Sheet 1 | |
| Torque wrenches VDI/VDE 2648 Sheet 2 | |
| Force | |
| Force sensors DIN EN ISO 376; DKD-R 3-3 | |
| Electrical Calibration for Atlas Copco Display Devices | |
| ACTA 2000/3000/5000 | |
| STa6000 | |
| STwrench Controller (Torque) | |
| STwrench Controller (Gyro) | |
| Messbank BLM/Stbench | |
| MRTT-C | |

