



CALIBRATION SERVICE

PHYSICAL/MECHANICAL CALIBRATION

Mechanical calibration involves verifying that physical measurement devices (such as force gauges, torque wrenches, scales, micrometers, load cells and accelerometers) provide accurate and reliable readings. This process compares the output of the mechanical instrument against established reference standards with known and traceable accuracy. The ultimate goal is to detect any error or drift caused by use, mechanical stress or environmental factors and to correct these deviations where possible, ensuring precise and consistent measurements.

ASSETS WE CALIBRATE:

- Pull Tester/Force Gauge
- Scales
- Tension/Tensile Testers
- Torque Analyzer
- Torque Screwdriver
- Torque Wrench
- DC Electric Torque Guns
- Crimper Tool
- Wire Stripper Tool

OEMs:

- Tohnichi
- Uryu
- Makita
- Panasonic
- Atlas Copco
- Kuken
- Sturtevant Richmond
- Ingersoll Rand
- Panduit
- Bosch
- GREENLEE
- FEC
- Stanley



OUR QUALITY CALIBRATION PROCESS INCLUDES:

- Comprehensive inspection and cleaning prior to calibration
- Compliance to ISO 17025, ISO 9001, IATF 16949 or other related quality requirements
- Turnaround time of 5 days onsite or 10 days in the ATS Corporate Lab
- Standardized calibration system & metrics
- Detailed calibration certificate

KEY CALIBRATION EXPERTISE



DIMENSIONAL



PHYSICAL/
MECHANICAL



ELECTRICAL



THERMODYNAMIC

Get In Touch
855.834.7604