



REPAIR & CALIBRATION  
SERVICES

HELPING YOU BUILD YOUR FUTURE

24 Hour Technical Support

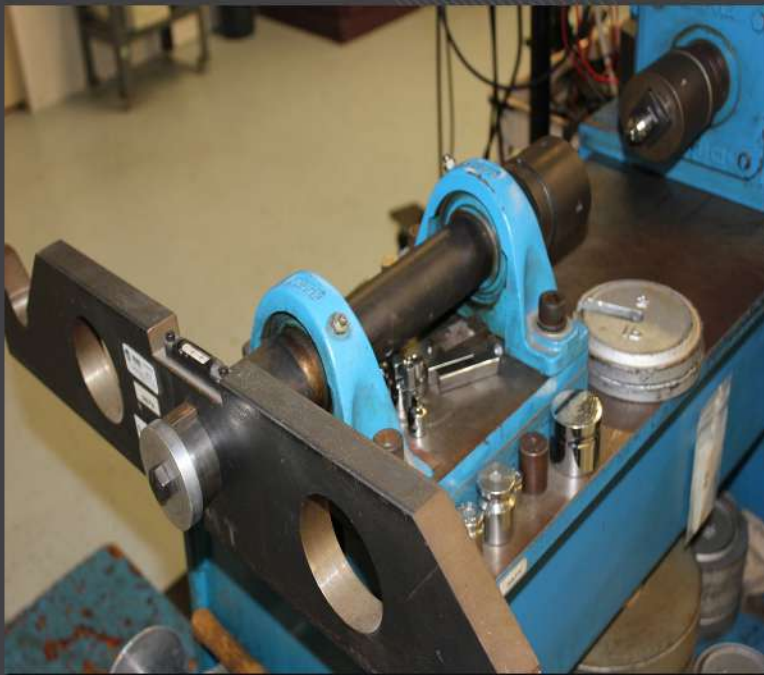
**TOLL FREE 877-833-4411**

[www.encoresystemsusa.com](http://www.encoresystemsusa.com)



## ENCORE SERVICES

ISO 17025 calibration services for DC tools, torque wrenches and transducers. Encore provides complete repair for most manufacturers of DC and air tools. Encore provides fast and cost effective repairs. Transducer remanufacture of all types. Encore provides design services for your torque manufacturing needs and onsite calibration/validation services. Encore can provide onsite calibration/validation services for all your torque applications. Our custom designed calibration cart provides everything necessary to perform these onsite services. Encore's custom tool tracking software provides organization for all your torque equipment, including calibration history, repair history and calibration alarms. Encore provides complete service, repair, ISO 17025 calibrations, tool tracking software, onsite validation/calibration, and design capability.



90 Mosier Parkway  
Brookville, Ohio 45309

Phone: 937-833-4469

Fax: 937-833-2746

Email: [sales@encoresystemsusa.com](mailto:sales@encoresystemsusa.com)

ISO/IEC 17025 Calibration Laboratory / ANSI Z540 Calibration Laboratory

## FASTENING SERVICE

- **TOOL & CONTROLLER REPAIR FOR ALL MAJOR MANUFACTURERS**

Atlas Copco, CP Tech-Motive (GSE), Cooper, Rotor, Cleco, Ingersoll-Rand, Stanley, ITD, Gardner Denver, Georges Renault, Aimco, Uryu, FEC and Estic.

- **TRANSDUCER REPAIR OF ALL MAJOR MANUFACTURERS**

Re-gauge, 17025 calibration

- **CABLE REPAIR**

Atlas Copco, CP Tech-Motive (GSE), Cooper, Rotor, Cleco, Ingersoll Rand, Stanley, ITD, Gardner Denver, Georges Renault, Aimco, Uryu, FEC and Estic.

- **ISO17025 CALIBRATIONS**

DC tools, transducers, and torque wrenches

- **COMPLETE DC ELECTRIC MOTOR REMANUFACTURING**

Includes 1 year warranty

- **DESIGN SERVICES**

Engineering services to help solve your manufacturing problems. Reverse Engineering

- **TOOL TRACKING SOFTWARE**

Automated tracking of all repairs, preventive maintenance schedules, calibration. Statistical information for repair costs, number of repairs and much more.

- **SERVICE CONTRACTS**

Focus on your core business, let Encore manage your DC and Air tool repairs/calibrations. We offer onsite service contracts to help eliminate downtime and improve product quality.

## ONSITE VALIDATION / CALIBRATION

Encore provides onsite validation and calibration services. Our custom designed calibration cart allows Encore's engineers to provide onsite calibration of all your DC tools up to 1000 ft lbs, transducer calibration and torque wrenches. All information is entered into Encore's software tracking system for permanent storage of statistical data and calibration alarms. Contact us for a consultation visit.



## TOOL TRACKING SYSTEM

Encore has developed a network based software system for tracking fastening tool calibrations, validations, preventive maintenance and repairs. This unique system provides complete analysis of repairs, with average costs and detailed work reports. The system also tracks calibration and validation frequency in your manufacturing plant. Tool location information is stored to help you locate where a specific tool is in your facility.



# ATLAS COPCO



ISO/IEC 17025 Calibration Laboratory / ANSI Z540 Calibration Laboratory



Atlas Copco QST Tool Test



Atlas Copco ETD-S9-200-13  
 PF3109 Graphing with Silver  
 RBU Tensor 10M Tool Cable



Atlas Copco ETV-ST61-50-10  
 PF4000 with Silver RBU  
 TensorST 5M Tool Cable



Atlas Copco Test Area

## Tools

462 Series  
 422 Series  
 482 Series

Tensor S Series: 4, 7, 9  
 Configuration Family  
 (ETV, ETD, ETP, ETF, ETC, ETO, HAD)

DS Series: 4, 7, 9  
 Configuration Family  
 (ETV, ETD, ETP)

QST Series:  
 34, 42, 50,  
 62, 80, 90, 95

STB Series:  
 32, 33, 36

Tensor ST Series: 31, 32, 61, 81, 101  
 Configuration Family  
 (ETV, ETD, ETP, ETF, ETC, ETO, HAD)

SL Series: 21  
 Configuration Family  
 (ETV, ETD, ETP)

ETX Series:  
 42, 50, 62, 72, 90

QMR Series:  
 42, 55, 62, 90

QMX Series:  
 42, 50, 62, 80

STR Series: 21,61  
 Configuration Family  
 (ETV, ETD, ETP)

## Controller Repair

CSS91  
 Power Focus 2101  
 Power Focus 3000/3100  
 Power Focus 4000

Power Focus SL/DL  
 Power Mac TC52/54  
 Power Mac 4000

## Controllers / Signal Conditioners

ACTA 3000  
 ACTA 4000

## Transducers/Torque Analyzers

IRTT    IRTT-B  
 SRTT    SRTT-B

## Torque Wrenches

STWrench



Atlas Calibration &  
 Test Equipment



Atlas Copco QMX50-15RT  
 Power Mac TC52 Stand Alone  
 10M QMX Tool Cable



Atlas Copco ETD-D37-30-10  
 Compact DS7 Controller  
 DS 10M Tool Cable



Atlas Copco Calibration  
 Test Equipment

## COOPER



ISO/IEC 17025 Calibration Laboratory / ANSI Z540 Calibration Laboratory

### TOOL SERIES

- 17EA •47EA •67EA •17EP •47EP
- 17ES •47ES •67ES •B17ES •B17EA
- 47EC •47ET •17B •47B •TCM
- 2 •14 •8 •88 •35
- 5 •24 •34 •45 •55
- 75 •64 •PH •PTH •STH
- 11 •120 •135 •136DL •14

### CONTROLLERS

- TMEB
- TMEM
- TME
- TMEC
- TMEI
- ITD- Cooper
- TorkTrak

### CABLES

- All Cables

### TESTING EQUIPMENT

- P2 & P-15 Torque Analyzers
- TVP-100 Series Torque Verifier
- TA4 Torque Analyzer
- DA Dial Indicating Torque Wrenches



Cooper Test Area



Cooper Tool Testing



Cleco Tool Testing

## CLECO

Cordless Livewire Tools Series: 17, 47  
EA Series: 18, 48, 67  
ES Series: 18, 48, 67  
EP Series: 18, 48  
ET Series: 48  
EC Series: 48

### PUSH TO START SERIES

EP and ES Series: 18

### CURRENT CONTROLLED

CA, CP, CC and CS Series: 18, 48

### FIXTURED INTELLIGENT SPINDLE

Sizes 1, 2, 3, 4

### FIXTURED SPINDLE

EMT Series: 600, 800, 1200

EMT Series (Old/Tork-Trak): 40, 80, 200, 400, 550

TT Series (Old/Tork-Trak): 160, 300

B Series: 1, 2, 3

## STANLEY



ISO/IEC 17025 Calibration Laboratory / ANSI Z540 Calibration Laboratory

### TOOLS

QPM E Series tools: 02, 12, 23, 33, 34, 35, 44, 45, 55

QPM EA Series Tools: 22, 23, 33, 34

QPM EB Series Tools: 12, 22, 33, 44, 55

QPM EC Series Tools: 02, 12, 22, 33, 34, 44



Stanley Family of Controllers

### TOOL SERIES

- A30 •A32 •A33 •A40 •A50
- F50 •D30 •F3 •PE •A30M
- A3MFCT •A32MFOCT •A40M •E20 •E24
- E30 •E40 •EF •M30 •M40
- W30 •W40 •QPM
- Pistol Tools E02pb-e34pb
- Lever Tools E12lb - E55lb And Ea23lb - Ea34lb
- Lever Tools E12la - E55la And Ea23la - Ea34la
- Crowfoot Tools E12lc - E45lc And Ea23lc - Ea34lc
- Tubenut Tools E12lt - E44lt And Ea23lt - Ea34lt
- Hold & Drive Tools E34lh- E55lh
- Straight Motors E12lp, E23mb - E55mb, and E23mbf - E55mb5f
- Offset Motors E23mdf - E55md3f
- Angle Motors E33ma18 - E55ma32 and E33ma18f - E55ma32f



Stanley E33 Nutrunner

### CONTROLLERS

- Alpha
- Gamma
- Delta
- Sigma
- Kappa
- Omega
- T8000
- Beta Tech

### Controller Repair

- QPM-Alpha
- Delta GEN II/III
- Gen IV Alpha/Theta

### CABLES

- All Cables

### TESTING EQUIPMENT

- All Transducers



Stanley Gen IV with Test Stand

### AIR TOOLS

A Series: 30, 32, 33, 40, 50

AA Series: 23, 33

F Series: 30, 32, 33, 40, 50

AH Series: 30, 40

AM Series: 30, 40, 60

AP Series: 30, 40, 60, 64

AT Series: 40, 60, 64, 84, 86

MAP Series: 40

PA Series: 2, 3, 4