



**B.T.MECHANICAL EQUIPMENT MAINTENANCE L.L.C.**  
THE TRUSTED NAME IN VALVE SERVICE



**SPECIALIZING IN**

Valve automation

Valve testing  
and certification

Valve maintenance and modification



Control system repairs  
and modification

Engineered solutions

Valve actuator  
and accessories supply





## HISTORY

BT Mechanical is an associate of TCRS a British company founded in 1983 which specializes in tank cleaning machinery and associated equipment. In 1994 TCRS opened a service centre in the UAE, ETCEMS which has grown in both size and success through the years. As a result of this success it was decided that the inevitable 'next step' was to expand into another specialized field. Thus in 2004 BT Mechanical was borne - a specialist company to provide service, refurbishment, calibration and certification of process control instruments and valves.

BT Mechanical can help solve your technical problems. We have a work force of dedicated technicians, skilled machinists and fitters. Our workshop is equipped to service, refurbish, test and calibrate most types of pneumatic, hydraulic, electrical and electronic equipment based on international standards (ANSI, API, ASME, BS, JIS etc.).

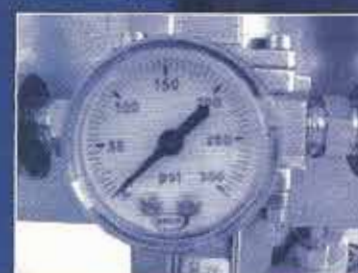
## WORK SHOP FACILITIES

- ➔ Fabrication
- ➔ Turning
- ➔ Milling, drilling, welding
- ➔ Grit blasting and painting
- ➔ Assembly shop



## OUR OBJECTIVES

- ➔ To excel as the valve specialists in the Middle East.
- ➔ To become the quality bench mark against which other companies are compared.
- ➔ To provide technical expertise and mechanical services to meet all aspects of our customers requirements.
- ➔ To make our name by offering the best at a realistic price.



Light machining work  
work undertaken in our



## SERVICING AND TESTING

Servicing of various types of control valves, ball valves, plug valves, butterfly valves, safety relief valves, pressure reducing, pressure vacuum valves of size 1/2" to 24" and ANSI class 150 to 2500 & API 10,000.

Testing of refurbished valves & controls in accordance with various standards such as ANSI, API, ASME, BS, DIN, JIS, ISA etc.

- Any size valve including large safety valves and isolation valves.
- Any cast, forged steel or fabricated butterfly, gate, check, ball, globe or angle valve
- Any control valve including hydraulic, pneumatic or electric actuators and operators
- Repairs and testing to ANSI, API, JIS, BS, ASME standards.
- Hydrostatic tests upto 10,000 psig

## VALVES OF ALL TYPES

- Control valves
- Ball valves
- Plug valves
- Butterfly valves
- Safety relief valves



## CALIBRATION

Calibration of pneumatic and electronic instruments, control valve accessories like positioners, position transmitters, pressure and temperature controllers etc.

- Calibration certificates compliant with international standards.
- Controlled calibration environment.
- Historical records of each calibration standard.
- Calibrated items labelled and access sealed whenever appropriate.

## AUTOMATION

Actuation program includes:

- Design and manufacturing of valve/actuator mounting hardware.
- Mounting, testing and calibration of valves / actuators and accessories.



and small fabrication  
fully equipped workshop





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