

# SERVICE EI&C-TECHNOLOGY

In the field of EI&C (electrical, instrumentation and control technology), Bilfinger EMS GmbH with its headquarters in Cloppenburg, Germany, carries out maintenance and repair on electrical devices and components for process automation in the oil and gas, chemical and food industries. Our measures are carried out in accordance with generally applicable standards and regulations such as the German Eichordnung (measurement system regulations), German industrial safety regulations, TRBS, BGV, DIN and VDE regulations.

## Maintenance, service and calibration

Our qualified staff are happy to carry out maintenance work on your equipment and systems. We provide maintenance and services for:

- Equipment that requires monitoring (explosion protection) by competent persons in accordance with TRBS 1203, regular and detail audits, technical audits
- Temperature, pressure, flow, position and fill level measurements
- Commissioning and maintenance of auma rotary actuators and the regulation AC and AM
- Assembly / installation and maintenance by a responsible person for fire alarm systems according to DIN 14675
- Earthing and lightning protection systems by VDE-certified lightning protection specialists for systems in potentially explosive areas (BEx specialists) with VDS approval
- Gas detection equipment and systems
- Gas pressure regulating stations
- Combustion systems for industrial applications
- Electrical equipment by a qualified electrician
- Mandatory volume and gas property measurements for commercial-use gas (e.g. measurement tracks, process gas chromatographs)
- Process monitoring (e.g. dew point, oxygen, hydrogen sulfide measurements)
- Machinery protection systems (vibration, swing, rotational speed and axial thrust measurements)

## Engineering & Maintenance

Bilfinger EMS GmbH

Hohe Tannen 11 · 49661 Cloppenburg · Germany · Phone +49 4471 182 0 · Fax +49 4471 182 128  
info.ems@bilfinger.com · www.ems.bilfinger.com



- Testing equipment calibration
- Support in the preparation of explosion protection documentation, danger analyses, audit instructions and maintenance planning
- Regular reviews with audit-ready documentation
- Provision of specialists for operating customer systems

## Manufacturing, delivery and assembly

We are happy to carry out your plant projects including design, manufacture, supply, assembly and commissioning with all system components in the areas of:

- Electrical engineering
- Measurement and control systems
- Automation systems and safety controls
- Process management technology
- Visualization systems
- Remote systems and process data transfer
- Monitoring systems



**BILFINGER**