

# Measurement & analytics

## Workshop repairs



ABB's UK-based workshop provides a fast and effective repair service for active and classic products, backed up by its nationwide repairs and logistics operation

### Measurement made easy

Measurement & analytics  
workshop repairs

### Preventive maintenance above repair

Prevention of instrumentation and analyzer faults through targeted and schedule maintenance is proven to improve availability and reduce associated downtime. ABB's service philosophy is to prevent failures through the development of preventive and predictive maintenance programmes.

ABB commands a nationwide team of field engineers with skills and experience levels without comparison, across a range of field devices and supporting technologies. This team has the capability to assist you in developing an optimized preventive maintenance philosophy, specific to your processes and applications.

### When repairs are required

ABB operates a state-of-the-art repairs workshop within its UK manufacturing facilities, comprising of a dedicated repairs coordination team, a team of repair technicians and the support of expertise from the UK production factories. With UKAS accreditation and robust quality assurance processes as standard, repair of ABB instrumentation and analyzers by the original equipment supplier is always recommended. Repair of the majority of ABB field devices is possible within the UK workshop and where repair at overseas ABB facilities is required; ABB will manage the entire process for you.

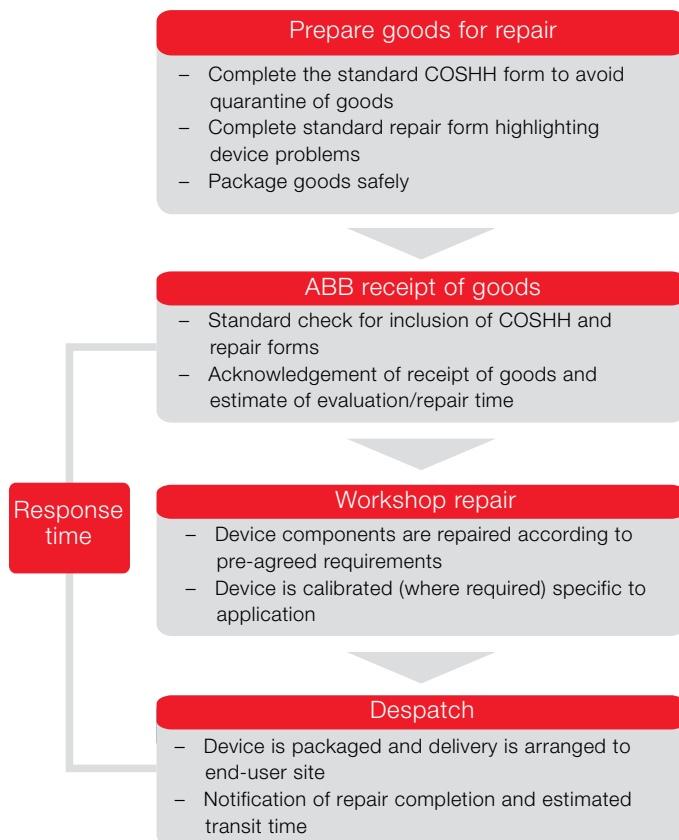
## Instrumentation and analyzers repaired in the UK:

Actuators	All types
Controllers	Commander range (C50, 100, 250 etc.) / ControlMaster range
Recorders	Various, please enquire
Electrodes	All types
Flowmeters	MagMaster / AquaMaster / Aquaprobe / WaterMaster / F&P and 3 <sup>rd</sup> -party meters / Coriolis / Vortex / Swirl / Variable Area (VA) / Simulators (ABB & F&P) / Calmaster
Gas Analyzers	Zirconia (ZMT, ZDT, ZFG2, EXFG, ZGP2, AZ100, AZ20) / Katharometer / Purge Gas
Liquid analyzers	All types (pH, Conductivity, DO, Turbidity, Silica, Ammonia, Phosphate, Aztec)
Positioners	TZID, TZIM
Pressure transmitters	All types
Temperature transmitters	All types
Temperature probes	RTD, Thermocouple, Thermowells

## ABB workshop repairs process

ABB's state-of-the-art workshop operates a standardized process for all equipment repairs, as shown below, with tight control of response times which are continuously monitored to maintain operational excellence standards.

Workshop repair response options can be customized to suit your operational requirements:



## Standard repair service

ABB provides a standard repair service for instrumentation and analyzer devices that are deemed non-critical to process operation.

Response times for the standard repair service are targeted for 28 days from repair evaluation, or 28 days from receipt of goods for fixed-price repairs.

Response times are always subject to the advance receipt of a valid purchase order for the work to be undertaken.

## Premium repair service

ABB understands that occasionally, availability of an instrument or analyzer is vital to process operation and warrants immediate repair to return to service (or often as the redundant backup device).

For these requirements, ABB provides a premium repair service, which guarantees repair of the device within an agreed response time – typically 5 to 14 working days.

In all cases, premium response times are subject to advance receipt of valid purchase order, in addition to COSHH and standard repair forms.

## Fixed price repair service

The repair of instrumentation and analyzers from a wide range of industrial applications is subject to timely evaluation of repair cost estimates, prior to commencing the repair work itself. By agreeing in advance a fixed price for standard repair of devices, regardless of the nature of the fault, repair times are significantly reduced, benefitting both ABB and its customers. For details of fixed-price repairs, please contact the ABB UK coordination centre.

# Notes

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