

Measurement products Installation & commissioning

ABB's professional installation & commissioning services ensure that you get the best out of your investment, protecting reliability and reducing downtime risk.



Installation & commissioning services

Whilst instrumentation technology becomes simpler for customers' to use, the benefits of having expert factory trained service engineers perform commissioning services are considerable. If the equipment is incorrectly installed or commissioned, no amount of maintenance will achieve the desired performance.

ABB engineers are vastly experienced and work in a broad range of industries. Along with ABB's comprehensive training programme, this gives them the knowledge to understand instrument requirements, installation suitability and the ability to provide customer's instrument assets with the best opportunity to perform safely, accurately and reliably.

Primary features

- Installation and commissioning performed by certified engineers
- Instruments installed and commissioned to achieve application specific duty
- Set up, testing and recording of parameters to meet application specification and to support future maintenance and validation

Key benefits

- Assurance of long term reliability and performance
- Well managed installation and commissioning programmes for new equipment, simplifies management and budgeting
- Correct application of settings for optimum life cycle performance

Commissioning services offered include:

Actuators	(All types)
Controllers	Commander range ControlMaster range
Flowmeters	MagMaster AquaMaster AquaProbe WaterMaster F&P and 3rd party meters Coriolis Vortex / Swirl Variable Area (VA) Simulators (ABB & F&P) Calmaster
Gas Analysers	Zirconia (ZMT, ZDT, ZFG2, EXFG, ZGP2, AZ100, AZ20) Katharometer / Purge Gas Advanced Optima; ACF-NT, ACX, ACN, DURAG, Gas chromatograph PGC, CEMS (All Types)
Liquid Analysers	All Types (pH, Conductivity, DO, Turbidity, Silica, Ammonia, Phosphate, Aztec.)
Positioners	TZID, TZIM
Pressure Transmitters	(All types)
Recorders	(All types)
Temperature Probes	RTD, Thermocouple, Thermowells
Temperature Transmitters	(All types)

Delivered by certified service engineers, ABB's expert installation & commissioning service opens up a number of other preferential options, as well as discounts on available support packages.

Extended warranty – health check

ABB offers a one year extension to the standard product warranty subject to the instrument being commissioned by an ABB engineer.

After 12 months of installation, ABB will return to site to validate/calibrate the device as part of a 12-month health check.

To qualify for the extended warranty, commissioning and 12-month instrument health check must be ordered in conjunction with the product order.

Field start-up

Field start-up is a cost effective option to ensure that your instrumentation is properly installed and ready for use. This service is aimed typically at our entry level products and single instrument applications, where traditional commissioning is unnecessary.

Primary features

- Start-up and configuration of single instrument applications
- Reinstatement of instruments returned to service following repair
- On-site testing to ensure equipment is functioning correctly

Key benefits

- Quick, low cost and effective option
- Instrument reinstated to process parameters for trouble free start-up
- Assurance and confidence in equipment performance

Commissioning & legislative compliance

ABB's commissioning services include the necessary calibration and validation for compliance with EU & UK legislation.

Examples include, but are not limited to:

- EN14181 Legislation;
 - Waste Incineration Directive (WID);
 - Large Combustion Plant Directive (LCPD);
 - MCERTS / SEPA Effluent monitoring;
 - AMS2750 (Nadcap Pyrometry);
 - MHRA
- ... and many more.

For further information on preparing your measurement requirements to comply with legislation, please contact your local ABB representative.



Life cycle management

ABB's service capability extends beyond installation and commissioning of individual or groups of instruments to management of the complete range of assets within your site. For more information on life cycle audits & life cycle management, please see the corresponding datasheet.

For more information please contact:

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