

Resident Field Service Engineer – Analytical Instruments

Dedicated maintenance support for installed analyzers

Typical maintenance issues

- Process analyzers become production risks if they are not maintained properly
- Improperly functioning process analyzers transmit unreliable data
- Current staff is struggling to maintain and support critical installed equipment and processes
- Process analyzers that are poorly maintained do not operate efficiently, resulting in lost time and money
- Engineering staff hit by budget cuts and retirements reduce manpower and cause a loss of knowledge
- Resolving process analyzer difficulties is a constant challenge
- Local, non-ABB engineering staff does not have the training needed to keep process analyzers operating at optimum efficiency
- Responding to malfunctioning process analyzers eats up huge amounts of time and results in costly production delays



ABB Resident Field Service Engineers deliver increased precision and reliability from process analyzers.

Solution

Contract a dedicated, factory-certified ABB resident engineer, who understands your process, to provide skilled maintenance for these critical components and to supplement your staff.

An ABB Resident Engineer:

- Provides reliable operation of process analyzer equipment
- Develops in-depth knowledge of the facility and processes
- Optimizes process analyzers to match local equipment and production conditions
- Increases productivity by reducing downtime
- Curtails “urgent” issues and costs related to process analyzers
- Is a committed, long-term complement to facility staffs
- Works with the local staff to resolve issues quickly and optimize production
- Contributes productivity gains and reduced costs
- Drives the use of process analyzers to higher levels
- Understands most process analyzers, even non-ABB equipment
- Is ABB factory certified and backed by ABB support and technical expertise

The Benefits:

- Provides economical and fast resolution of issues for any facility with more than 15 process analyzers
- Problems associated with process analyzers are taken off the shoulders of local managers and engineers
- Unexpected events are identified, diagnosed and resolved sooner
- Extends manpower, but is not carried on personnel budgets
- Product quality, plant uptime, and productivity improve
- Operating costs go down, profits go up
- The ABB resident engineer is specifically factory trained and factory certified to maintain and support ABB process analyzers
- The on-site ABB engineer manages analytical operations and ensures consistent and reliable data is delivered for products and systems
- The ABB engineer works with your staff to develop and deploy a maintenance strategy designed to protect and enhance your analytical equipment
- Backed by global resources, technologies, and factory support, the ABB resident field engineer delivers high quality service every day

Resident Field Service Engineer – Analytics

Manage analytic assets to boost reliability

Analytical products supported by this program include:

- Gas analyzers
- Photometers
- Gas chromatographs
- FTIR/NIR spectrometers
- Zirconia oxygen analyzers
- Physical property analyzers (REID Vapor Pressure analyzers)
- Liquid and water analyzers
- Electrode analyzers

North America Customer Service Center

29801 Euclid Avenue

Wickliffe OH 44092 1832, USA

Tel: 1 800 HELP 365 (1 800 435 7365) option 0

Outside USA/Canada: +1 440 585 7804

Fax: +1 440 585 5087

E-mail:

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