

## Service product portfolio for ACF-NT

Condition monitoring, maintenance and training



ABB offers a complete suite of service products for ACF-NT gas analyzer systems which are designed to maintain the intended accuracy and availability of your asset over the product lifecycle.

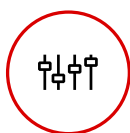
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01 ABB offers a suite of services to extend the lifecycle of your install base

### How can you maximize your ACF-NT availability & accuracy

ABB Service offers a comprehensive portfolio of service products to ensure the reliability of your ABB device over its complete lifecycle. As a customer of ABB you can select from a number of service products that can be incorporated into one of our annual service contracts or provided as a one off service support. Contact us to discuss how our services can improve your plant availability. Some of these services include :

- Annual preventive maintenance & fine-tuning service
- Rapid response contracts including local service (corrective maintenance)
- Remote support, including on-premise condition monitoring reports or remote connection through cloud based solutions
- Training service
- Repair service centers





#### Calibration service

ACF-NT analyzers should be checked and adjusted every 6 months (3 months for the measurement of HF) to maintain

the certification. It is recommended these services are carried out by a certified engineer. Besides planned maintenance, regular water compensation service should be checked in order to correct all air pollutant concentrations. Using our factory trained service engineers for these required maintenance tasks can reduce your staff certification costs including the need for dedicated tools, enabling you to focus on production.



#### Service agreements - Preventive maintenance

To reduce any unexpected stoppages, preventive

maintenance of the spectrometer is recommended every 6 months. ABB can provide all the life cycle services to keep your processes moving. These can be included under a single service agreement. ABB service agreements ensure fixed cost periodic maintenance by factory trained engineers.



#### Rapid response

ABB Service can establish agreed response rates to service support under our Measurement Care contracts. This can include 24/7

response either on site or remotely, when connected to our condition monitoring tools.



#### ABB genuine spares - Essential to keep your analyzer in peak operating condition

Only genuine spare parts can ensure your analyzers are accurate

and available, every day. ABB manufactured parts are available from logistic hubs in key regions. They can be supplied as kits and included on site or at ABB premises as part of annual maintenance agreements. The choice is yours.



#### Digital solutions providing on premise and remote conditioning monitoring support

From on premise reporting to our dedicated service centers ,

customer can decide how to access routine condition monitoring reports. Using modern modems with cybersecurity, connection on premise or remote, analyzer diagnostics can be assessed. This includes zero gas calibration, checked drift calibration and software upgrades



#### Training service

ABB provides basic and advanced training on each aspect of ACF-NT

In order for clients to meet strenuous CEMS compliance,

recertification of site service teams is often required. ABB can assist ensuring your teams are able to meet all local requirements. Training can be provided directly at customer site or at ABB training rooms.



#### Repair center service

Certified repair centers are available in many regions for more advanced repairs like interferometer related issues,

some of which cannot be handled in the field. Various services are available in these repair centers, including replacement of complete modules.



#### End-of-life services

As our products complete their useful working life it is important to discuss with your customers their upgrade or replacement

options. Depending on the fleet and client, we can offer extended spares packages through to replacing the complete analyzer with current state of the art ABB analyzer. ABB can help guide customers through both scenarios.

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