



# FTIR Spectrometers Training

## ABB FTIR AFT 2<sup>nd</sup> Generation Training

**Description :** ABB FTIR Training AFT 2<sup>nd</sup> Gen

**Item Number:** TRA-0001

### Trainee Profile:

The training is designed for individuals responsible for the validation, maintenance, troubleshooting and repair of the analyzer, generally for plant analyzer maintenance technicians.

### Pre-Requisites

- Trainee must be computer literate (DOS and Windows).
- Trainee should have at least a 1-month experience with the operation on an AFT 2<sup>nd</sup> Generation instrument, EC control panel and AAI Gas Chromatograph.
- A Laptop computer is recommended for attending the training.

### Main Topics

- Understand the principles and concepts of Process FT-IR technology.
- Operate the AFT 2<sup>nd</sup> generation analyzer.
- Overview of the Prosys software.
- Edit and make changes in the Electronic Controller (EC) tables.
- Acquire calibration development data and report it to the application specialist.
- Update the analyzer with new models.
- Replace modules such as source and detector.
- Troubleshoot problems.
- Perform instrument performance validation and diagnostics.
- Provide level II support on Process FT-IR.
- Hands-on exercise.

**Training Duration:** 4.5 days

**Number of Participants:** Minimum 6, Maximum 8.

**Location:** ABB Bomem Inc., Quebec Canada.

**Language:** English

**Including:** Training material, a fully operational AFT 2<sup>nd</sup> generation analyzer in the classroom with Electronic Controller (EC) and all lunches during the week.

**Excluding:** Travel & Living expenses.

### Disclaimer:

- Training payment is not refundable.
- In case the minimum number of attendees is not reached, ABB will advise the registered attendees 4 weeks in advance if the training will be held or cancelled. It is strongly recommended not to reserve your hotel rooms nor buy your airplane tickets before ABB's confirmation.
- ABB must receive an official purchase order 8 weeks before the training; otherwise the training may be cancelled. In case of cancellation, the training will be rescheduled to a later date and attendees will be informed in advance of the new date.

**On-Site Training Available:** Contact ABB Analytical Business Unit for more information at [ftirsupport@ca.abb.com](mailto:ftirsupport@ca.abb.com). The **on-site training** requires a **minimum of 6 trainees**. **Travel cost** for the **trainer** and **material** will be charged.

For further information do not hesitate to contact us:

### ABB Analytical

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The knowledge to  
ensure  
your AFT's continuous  
operation



A key element of