

Measurement Products

Advance Optima Analyser Technician Training – Z459

The skills of operations and maintenance personnel play a key role in equipment performance as well as maximizing return on investment.

ABB Measurement Products' training facilities at the Stonehouse site deliver a programme of Instrumentation and Analyser training courses, specifically designed to meet client's needs.



ABB Advance Optima Technician Training

The course is designed for engineers and technicians who are responsible for the day to day maintenance of ABB's Advance Optima emissions analysers and sample systems.

Students will gain an understanding of the analyser measurement principles, analyser hardware and software operation.

On completion of the training, students will have the ability to interrogate the analyser through the HMI interface, to read and interpret alarm / status messages and generally maintain the analyser systems on a day to day basis.

Agenda Day 1: 09.00 – 16.00	
Registration & coffee	0900 - 0930
Introduction	Welcome
Basic principles – gas sampling systems	PFE3 / SCC-C / SCC-F
Basic principles – AO analysers	URAS 14/26, LIMAS 11, O2 sensor
Lunch	12.00 – 13.00
AO2000 HMI Interface	Software operation
Alarm/status messages	Interrogation & interpretation
Course review	15.30 – 16.00

Agenda Day 2: 09.00 – 15.00	
Coffee	09.00 – 09.30
Emissions Legislation	EN14181, QAL1, QAL2 & QAL3
Calibration	Calibration procedures
Validation / QAL3	Validation procedures
Lunch	12.00 – 13.00
Troubleshooting	Faultfinding techniques
AO maintenance	Daily / weekly / monthly routines
Course review & close	14.30 – 15.00

Four easy ways to book

- Post: Send completed registration form to: Training & Repairs Facility, Oldends Lane, ABB Limited, Stonehouse, Gloucestershire, GL10 3TA
- Telephone: Call ABB Training & Repairs Facility +44 (0)1453 826 661
- Fax: FAX your form to +44 (0) 1453 821382
- Email: training.stonehouse@gb.abb.com

Registration Form

Advance Optima Analyser Technician Training

Number of places

Wednesday/Thursday 9-10 th May 2012	Stonehouse, Gloucestershire	Z459a	<input type="checkbox"/>
Wednesday/Thursday 18-19 th July 2012	Stonehouse, Gloucestershire	Z459b	<input type="checkbox"/>
Wednesday/Thursday 12-13 th Sept. 2012	Stonehouse, Gloucestershire	Z459c	<input type="checkbox"/>
Wednesday/Thursday 21-22 nd Nov. 2012	Stonehouse, Gloucestershire	Z459d	<input type="checkbox"/>

Dr/Mr/Mrs/Ms	First Name	Surname	
Job Title	Company		
Address			
Post Code	Country		
Telephone	Fax		
Email			

Fee per student

£500.00 + VAT / day / student

The training courses are held at the Stonehouse facility and cost £500.00 / day / student. The full course fee (incl. VAT) is payable in advance, and should be received no later than 4 weeks prior to the course commencement. The fee includes course documentation refreshments and lunch but does not include travel or accommodation. A maximum of 6 students per course.

Payment Methods

Purchase Order Number			
Please debit my credit card (Eurocard / Mastercard / VISA / AMEX / Switch)			
Card number	Cardholder		
Expiry date	Security code		
Issue number (Switch only)			
Email			

Booking information

All bookings are provisionally accepted and confirmed in writing upon receipt of payment. Cancellations made up to 30 days prior to the course will be subject to a cancellation fee of 20% administration fee. Cancellations made 30-14 day prior to the course will be subject to a cancellation fee of 50%. Cancellations made thereafter will be subject to the full course fee, however a substitute delegate can be named at any time. Travel and hotel details will be forwarded on receipt of the registration form. It may be necessary for reasons beyond the control of the organisers to cancel the event, alter the content or change the timing of the programme.

