

Service

## Measurement Products

# PGC2000 & VistaNET Technician Training – Z460

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.



### PGC2000 & VistaNET Technician Training

The course is designed for engineers and technicians who are responsible for the day to day maintenance of PGC2000 gas chromatograph analysers and VistaNET 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 carry out chromatography optimisation and calibration / validation tasks. Students will be able to communicate with the analysers through the VistaNET interface and implement remote diagnostics.

Agenda Day 1: 09.00 – 16.00	
Registration & coffee	09.00 – 09.30
Introduction	Welcome
Basic gas chromatography	Principles of operation
Analyser Hardware	Iso- thermal oven & controller
Lunch	12.00 – 13.00
Analyser Hardware	Temp, valve & detectors ops.
Analyser Software	HMI, structure & programming
Course review	15.30 – 16.00

Agenda Day 2: 09.00 – 16.00	
Coffee	09.00 – 09.30
Analyser Software	Method Tables
Analyser Software	Peak detection
Analyser Software	Calibration & validation
Lunch	12.00 – 13.00
Chromatography	Optimisation
Troubleshooting	Flow balancing
Course review	15.30 – 16.00

Agenda Day 3: 09.00 – 15.00	
Coffee	09.00 – 09.30
VistaNET Overview	Architecture
VistaNET Hardware	VN hardware
VistaNET Software	Programming and report structure
Lunch	12.00 – 13.00
VistaNET Communications	MODBUS & VN Domains
VistaNET Communications	Troubleshooting
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](mailto:training.stonehouse@gb.abb.com)