

## ABB University Australia Measurement & Analytics

### Z2302 PGC2000 Operations & Maintenance Training

#### Overview

Part of the global initiative program by ABB is to ensure all ABB customers are adequately trained on the product / equipment's supplied to users. ABB Australia is committed to this global initiative and are organising a training course on the PGC2000 series Gas Chromatograph, basic Operations & Maintenance training for customers in Australia and the South Asian region.

This training program is designed to train the participants on the understanding of Gas Chromatography and an introduction to the PGC2000 in terms of operation, service and troubleshooting.

#### Course Duration

The duration is 3.5 days.

#### Course Type

This is an instructor led course with approximately one third consisting of hands-on activities.

#### Course Goal

The goal of this course is to give students a practical understanding of the PGC2000 Process Gas Chromatograph.

#### Training Location

ABB Australia  
Measurement & Analytics Training Room  
Bapaume Road  
Moorebank, NSW, 2170  
Australia

#### Training class hours & Refreshments

9.00am - 4.00pm

Morning tea, lunch & refreshments will be supplied during training.

#### Materials

Training equipment, materials and manuals supplied by ABB Australia.

#### Class Size

3 to 6 Students



#### Course Fee & Inclusions

A\$4,395 per student

#### LBU Training Administrator

Joann Skinner

Ph: 02 9753 7970

Email: [joann.skinner@au.abb.com](mailto:joann.skinner@au.abb.com)

#### LBU Training Manager

Michael Tooher

Ph: 02 9753 7968

Mob: 0407 479 013

Email: [michael.tooher@au.abb.com](mailto:michael.tooher@au.abb.com)

#### LBU Service Manager

Adrian Mather

Ph: 02 9753 7963

Mob: 0408 565 794

Email: [adrian.mather@au.abb.com](mailto:adrian.mather@au.abb.com)

#### Scheduled Dates

Please refer to the back page of this flyer for the current year training calendar.

Please contact above or your local ABB representative to book & secure a seat on these scheduled courses. You can also confirm a slot for candidates by emailing or faxing the completed registration form (page 3) as soon as possible.

### Who Should Attend?

The training is intended for end user analyser technicians, operators or engineers responsible for the operation of the PGC2000 Process Gas Chromatograph.

### Course Objectives

Upon completion of this course, student will have a basic understanding of the operation of the PGC2000 Process Gas Chromatograph. In addition, they will be able to utilise the unique benefits and features of the analyser.

### Main Topics

- Introduction to PGC2000
- Basic Sample Systems
- Basic Gas Chromatography
- Analyser Operation
  - Factory Data Sheet
  - Method editing
  - Reporting
  - Manual control
  - Calibrating the analyser
- Controller Section
  - Printed Circuit Board and Subassemblies
  - Electrical Checkout
  - Replacement of Electrical Components
- Oven Section
  - Flow settings
  - Column Replacement
  - Valve and Detector Repair
- Software architecture & operating platform



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### REGISTRATION FORM

#### COMPANY DETAILS

Company Name: \_\_\_\_\_  
ABN: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_  
Fax Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_

Please Check One: ☐ Customer  
☐ Representative  
☐ Internal Staff

#### CLASS RESERVATION

Date of Class: \_\_\_\_\_

Level of Experience with GC's  
(Please Check One):

1:	Name of Individual: _____ Contact Number: _____ Email Address: _____	<input type="checkbox"/> < 1 year <input type="checkbox"/> > 1 year <input type="checkbox"/> Expert
2:	Name of Individual: _____ Contact Number: _____ Email Address: _____	<input type="checkbox"/> < 1 year <input type="checkbox"/> > 1 year <input type="checkbox"/> Expert
3:	Name of Individual: _____ Contact Number: _____ Email Address: _____	<input type="checkbox"/> < 1 year <input type="checkbox"/> > 1 year <input type="checkbox"/> Expert
4:	Name of Individual: _____ Contact Number: _____ Email Address: _____	<input type="checkbox"/> < 1 year <input type="checkbox"/> > 1 year <input type="checkbox"/> Expert
5:	Name of Individual: _____ Contact Number: _____ Email Address: _____	<input type="checkbox"/> < 1 year <input type="checkbox"/> > 1 year <input type="checkbox"/> Expert



## **2017 PGC2000 SCHEDULED TRAINING**

**Tuesday 14<sup>th</sup> February – Friday 17<sup>th</sup> February 2017**

**Tuesday 13<sup>th</sup> June – Friday 16<sup>th</sup> June 2017**

**Tuesday 17<sup>th</sup> October – Friday 20<sup>th</sup> October 2017**