

BREATHING AIR TECHNICIAN COURSE

AUTHORISED FACTORY TRAINING



Quality. Our DNA

The 4 day (combined level 1 & level 2) Technician Course

A comprehensive program covering the construction, function, maintenance and diagnosis of our range of High Pressure Breathing Air Compressors and related systems.

Based in Singapore and Thailand, our training facilities combine high standards of equipment, expertise and practical training - offering a unique learning environment and catering for individual needs, regardless of background or previous experience.

Training course fees (net) are SG\$ 1,600 (Singapore Dollars)*.

There are no pre-requisite qualifications for attendance. We include all manuals and training materials, with lunch and refreshments throughout. Factory certification to technician level.

To maximise participation during practical training, classes are limited to 6 candidates per course. All courses are conducted in English. Level 1 (theory) is also available on-line via Zoom Meetings.

Training course outline:

Day 1: > SAFETY > COMPRESSOR THEORY > SYSTEM DIAGNOSTICS

Classroom study: Safe working practices and considerations; Function and operation of the main mechanical and pneumatic systems; Apply working principles for system tests and fault-finding.

Day 2: > BA PRODUCT RANGE > LUBRICATION SYSTEMS > TECHNICAL INSPECTION

Classroom study: Manufacturing and scope of BAUER's range of Breathing Air compressors and related systems incl. control/automation; Oil considerations; Mechanical systems and components.

Day 3: > COMPRESSOR OVERHAUL

Workshop practical: Complete disassembly and rebuild of a 3-stage compressor block. Incorporates all service techniques for maintenance, inspection and repair. Practical includes air sample testing.

Day 4: > PURIFICATION SYSTEMS > BREATHING QUALITY AIR > DIAGNOSTIC TESTING

Function, range and scope of P-systems; BA production in accordance with International standards. Workshop practical: Compressor operational testing and fault-finding procedures.

Training philosophy

Our courses are continually developing to meet the growing needs of industry professionals, owners, operators and end users whose reasons for attending are as varied as the fields in which our Breathing Air Compressors are used. We focus on behind-the-scenes information, explaining "why" and not just "how" – one of the many reasons our training at BCA has a worldwide reputation for professional quality, matching that of our products. Since 1999 our programs have been designed and conducted by your instructor, Frank Herbert, a post graduate in Education, dive industry professional and over 25 years' experience with BAUER compressors.

Training schedule 2024

Jan 22-25 (TH)	Feb 20-23 (SG)	Mar 18-21 (TH)	Apr 08-11 (SG)
May 06-09 (TH)	Jun 04-07 (SG)	Jul 15-18 (TH)	Aug 13-16 (SG)
Sep 09-12 (TH)	Oct 08-11 (SG)	Nov 11-14 (TH)	Dec 10-13 (SG)

*Training course fees may be subject to additional bank charges and GST.
Courses held in Singapore are subject to minimum attendance.

For further information, please contact:

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