

BREATHING AIR TECHNICIAN COURSE

AUTHORISED FACTORY TRAINING



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, Thailand and Indonesia, 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.

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

To maximise participation on practical training, classes are limited to 6 candidates per course.

All courses are conducted in English.

Training course outline:

Day 1: > INTRO & RESOURCES > SAFETY > COMPRESSOR THEORY > DIAGNOSTIC TESTING

Classroom: Overview of training and reference materials; Safety for installation, operation and maintenance; Compressor systems and how they work; Operation, fault-finding and diagnostics.

Day 2: > LUBRICATION > PRODUCT & ACCESSORIES > BLOCK SYSTEMS & COMPONENTS

Classroom: Oil – main factors and systems; Compressor range and additional systems (B-Control, ACD, etc); Mechanical components – inspection, service data, common faults and causes.

Day 3: > COMPRESSOR OVERHAUL

Workshop practical: Complete disassembly and rebuild of a 3-stage compressor block, appropriate to the student's existing compressor. Incorporates inspection, repair and maintenance techniques.

Day 4: > PURIFICATION SYSTEMS > BREATHING QUALITY AIR > OPERATING PROCEDURES

P-system function, range and accessories for processing air according to International standards. Workshop practical: Operation and testing, to include additional automation and control systems.

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 as the best available, with a 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 of experience with BAUER compressors.

Training schedule 2021

Jan 18-21 (TH)	Feb 16-19 (SG)	Mar 15-18 (TH)	Apr 12-15 (SG)	May 17-20 (TH)
Jun 15-18 (SG)	Jul 12-15 (TH)	Aug 17-20 (SG)	Sep 13-16 (TH)	Oct 19-22 (SG)
		Nov 15-18 (Bali)	Dec 13-16 (TH)	

Course information and scheduling is subject to change without notice.

For further information, please contact:

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