

## DIVE INDUSTRY TECHNICIANS COURSE - 10 DAYS

This is a 10-day A.S.S.E.T. course, covering all aspects of service, repair and workshop operation. The course has a 9-module curriculum supported by a full colour Dive Industry Technicians Handbook specially written to accompany the course.

The course is designed to give as much emphasis on practical knowledge and skills with a large proportion of the course devoted to 'hands on' practical work.

**This is a highly practical course, with hands on experience in a real scuba workshop.**

### **Syllabus includes:**

The physics of diving related plant and equipment

Equipment theory - design and construction

Setting up a professional workshop

Working practices, standards and procedures

Cylinder Testing (pt 1) - Visual inspection & hydraulic testing

Regulator service and repair – you will work on several brands of regulator, Northern Diver, Apeks, Coltri and maybe others.

Compressors, air banks - operation and air quality (CASM)

Basic metallurgy

Warranties and customer care

Regulations and standards- British & European & HSE

**Please note:** You will complete a Northern Diver Service Course during the DITC and be issued with certification on completion.

### **Course Fee Includes:**

Tuition, comprehensive updated full colour handbook, course completion certificate, Northern Diver Service Course Certificate, ASSET Membership at Technician Grade

**Course Pre requisites:** None

**Please note:** This course is suitable for the complete beginner and more experienced person alike as the small class numbers (max 6) allows the instructor to cater to the requirements of all levels

## CYLINDER TESTING PART 2

(**Please note:** this is the last 2 days of the ASSET Cylinder Testing course. The first two days are included in the DITC))

Please note: if you have previously completed a Dive Industry Technicians Course you will need to complete the last 2 days of this course only

### **Syllabus includes:**

Metallurgy, Inspection, Determination, NDT – Eddy Current Testing

### **Course Fee Includes:**

Course Completion Certificate, updated and full colour handbook, Eddy Current Testing Certificate, Asset Membership at Cylinder Testing Technician Grade

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## **\*NEW for 2016** OXYGEN TECHNICIAN & GAS BLENDERS COURSE

### **The NEW Oxygen Technician and Gas Blender's Course.**

The first part (Oxygen Technician) works in conjunction with the ASSET Technician's and/or Cylinder Testing Technician's qualifications, to enable the individual to clean and prepare diving equipment for use with Nitrox, Heliox and Tri-mix. This arrangement results in a high degree of knowledge and training.

The second part, Gas Blender, enables the individual to produce Nitrox, Heliox and Tri-mix in accordance with EN 12021:2014. The successful candidate will be certified as Gas Blender (Level 2) in accordance with EN ISO 13293:2012

It is essential for anyone who is serious about NITROX, Trimix and Heliox. The course is delivered by one of the most experienced and respected Technician Trainers in the Diving Industry. We believe there is no better suite of courses available anywhere.

Technical information without the "black art" approach so often found in similar courses and exposes the "40% myth". Simplified maths and a practical approach make Gas Blending relatively safe and easy.

Learn how to O<sub>2</sub> clean to industrial standards without spending a fortune on equipment. Sound practical advice with many invaluable tips that only an experienced Technician Trainer can offer.

#### **Course pre requisites:**

At least 1 Manufacturers Service Course certificate of completion or Dive Industry Technicians Course certificate of completion

Plus Compressed Air Systems Management Course or DITC

#### **Course Fee Includes:**

Certification, **NEW** updated full colour Handbook

**Please note:** The dates for these courses are designed to offer them as 2 day extension to the combined 12 day Dive Industry Technicians Course & Cylinder Testing pt 2 courses

## **CYLINDER TESTING COURSE** (Please note: the first 2 days of this course are included in the DITC)

Changes in UK and European legislation together with the requirement for '**competent and approved**' persons to carry out cylinder testing has created the need for a higher standard of training and certification of those who carry out this work.

The A.S.S.E.T. approved 4 day CYLINDER TESTING TECHNICIANS COURSE is a comprehensive training course covering the theory and practice of cylinder testing.

**This course is a pre requisite all new centres applying for IDEST Test House Approval**

The **theory** part of the course includes:

Cylinder testing practices and procedures, valve maintenance, thread gauging, Standards - British & European, Codes of practice, HSE

The **practical** part of the course is designed to introduce all the required practical skills including:

Inspection, Measurement

Hydraulic Testing, Metallurgy

Determination, NDT – Eddy Current Testing

On successful completion of the Cylinder Testing course the candidate will be awarded the A.S.S.E.T. Membership Grade of CYLINDER TESTING TECHNICIAN

**Course Pre requisites:** None

**Course Fee Includes:** Course Completion Certificate, NDT - Certificate of Training, 2 updated and full colour handbooks, Asset Membership at Cylinder Testing Technician Grade

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## **A.S.S.E.T. COMPOSITE CYLINDER INSPECTION & TESTING COURSE**

Due to demand from members and the industry, ASSET is pleased to announce the launch of its Composite Cylinder Inspection & Testing Course

This is a one day course designed for qualified cylinder testers and delivered to ASSET's world class training standard by qualified Technician Instructors with years of current field experience

At a purpose built training facility – this is not a seminar in a hotel room

Small groups for maximum learning and retention

Convenience of multiple course dates

### **Prerequisites – hold either:**

ASSET Cylinder Tester's Qualification

IDEST Cylinder Technician

**Course Fee Includes:** Handbook, Course Completion Certificate

## **COMPRESSED AIR SYSTEMS MANAGEMENT COURSE**

### **Aimed at:**

The Technician involved in Cylinder Testing either in the diving industry or in other industries involved in the use of breathing air cylinders.

Dive centre employees who have responsibilities for using compressors and gas blending.

The course covers general maintenance, operation, standards and relevant legislation.

**Course Pre requisites:** None

Please note: this course is included in the Dive Industry Technicians Course

This course is a pre requisite for attendance of Nitrox Gas Blender

## **Qualifications, Health and Safety Law and Insurance.**

Today more than at any other time in our industry's history, the experience and certification of dive centre operatives are being scrutinised. Although "on the job" training has been the norm for those who operate compressed gas systems and maintain equipment, today in response to a number of accidents and incidents the HSE, and insurance companies are beginning to question the competence of those who do not hold a formal qualification. A number of insurance companies have withdrawn from the market and at the same time premiums have risen due to perceived risks and the claims that underwriters face.

ASSET Technicians hold a highly regarded certificate, the training for which includes compressed air system management. In response to the needs of others who operate air and NITROX systems ASSET has arranged for the Compressed Air Systems Management (CASM) and NITROX Gas Blenders courses to be available together as a three-day course. Please see course dates and fees on following pages.

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