



## Easytek Engineering Services Co. Ltd.

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### Gauge Calibration Course - 1 Day



#### **Understanding the critical metrology techniques used to traceably calibrate the pressure gauges used in commercial dive operations**

A new course introduced by popular demand from DITC students to teach the skills necessary to carry out the formal calibration of the wide range of pressure and depth gauges used in commercial diving operations.

There are many hundreds of dedicated DSV & OSV mounted containerized mobile dive systems world-wide. The larger systems utilize literally hundreds of pressure gauges that all come under strict IMCA scheduled maintenance requirements; much of the Dive Technicians time is spent carrying out this work and producing the documentation for entering in to the system PMS/CMMS.

The course covers all the major gauge types used in dive systems, together with a practical work shop session carrying out the traceable calibration of a range of popular gauge types. Use of the pressure pot for diver worn depth gauges together with a high pressure connector workshop to gain familiarity with the many methods of joining the pressure gauge to the dive spread or calibration system are also covered.

### **Gauge Calibration Course (1 day)**

- Introduction to pressure measurement
- The dead weight gauge
- Pressure from liquid columns
- Pressure gauge types
- Common Connector types
- Calibration Principles
- Accuracy of gauge types
- IMCA requirements and Calibration certificates
- THEORY EXAM.

### **Workshop Session**

- Connection types, adapters, mating methods
- Producing calibration pressures.
- Divers SPG calibration check
- Divers depth gauge in the pressure pot
- Pneumo gauges & Magnehic
- PID checks
- Calibration Certificates filling out
- Safety issues and PPE

### **.Includes:**

- ASSET/IDEST approved Pressure Gauge Calibration Certification establishing the legal competent person status of the technician to work on these items.
- All student training Manuals used during the course + online access to the ScubaEngineer.com technician database.
- All spare parts & consumables used during the course.
- Free Tea/Coffee and high speed Wi-Fi internet access at the training center.

**Pre-requisites:** None

**Key Benefits:** Provides formal competent person training of the Dive Technician in Pressure Gauge calibration techniques.