



# TECHNICIAN INSPECTION COURSE – Part 1

## Introduction

This is the first part of a two-part course aimed at technicians wanting to fully inspect cylinders in test centres. Candidates can opt to do the full course or attend Part 1 and Part 2 separately.

Under the HSE's publication **Pressure System Safety Regulations 2000** it is the responsibility of the owner/employer to provide suitable training to ensure the employee is competent to safely fulfil their role.

## Scope

This Part 1 course is aimed at staff who wish to train as cylinder testing technicians. It covers the knowledge and practical skills needed to visually inspect a diving cylinder both externally and internally.

Part 2 covers the process of physically testing the cylinder using the hydraulic test rig, stamping and issuing cylinder test certificates.



## Aim of the course

At the end of this short course the student will be able to:

- Confidently and competently visually assess diving cylinders both externally and internally
- Determine whether a cylinder can be safely filled or whether it requires a test or further action
- Satisfactorily complete the booking-in form and visual assessment form.

## Course Outline

Course is based on a workshop format and lasts about 3 to 4 hours. It starts with a short presentation that covers the topics shown below. This is followed by a practical workshop session where cylinders are booked in and assessed for their safety. A visual assessment form is completed as the final stage of this process.

## Session Topics

- IDEST and the scope of its work
- Cylinder manufacture
- Cylinder testing methods
- Cylinder stamping and labelling
- Tools/equipment required for basic assessment
- Checking the external condition of cylinders
- Valve removal using appropriate equipment
- Checking the internal condition of cylinders
- Action to take in the event of concerns over condition
- Forms and paperwork for assessment
- Standards covering assessment and inspection

## What will the staff receive?

- Training from a qualified, competent, IDEST approved trainer
- Advice and guidance appropriate to their role
- A certificate of course attendance
- 18-page Student Manual as source material

## For course availability and prices

Please contact the Administration Office on +44 (0)1883 622690 or email: [pat@patoates.co.uk](mailto:pat@patoates.co.uk)

