

COMPOSITE CYLINDER COURSE

Introduction

This course has been developed as a result of requests from Test Centres for further training. Centres are being approached by industry to extend the type of cylinders that they are able to inspect and test.

Scope

The course is aimed at IDEST test centre staff, who are already qualified as test centre technicians; able to inspect and test steel and aluminium cylinders. The training provides sufficient knowledge to allow the technicians to inspect and test composite cylinders under **EN ISO 11623:2002**

Aim of the course

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

- Understand the construction of composite cylinders
- Confidently and competently visually assess composite cylinders both externally and internally
- Determine whether a composite cylinder requires repairing and the method to use or if it should be condemned/scrapped.
- Hydraulically test a composite cylinder

Course Outline

Course is based on a workshop format and lasts about 1 to 3 hours. It starts with a short presentation that covers the topics shown below. This is followed by a practical workshop session where composite cylinders are assessed externally and repaired as necessary.

Session Topics

- Cylinder manufacture
- Composite cylinder manufacture
- Types of composite cylinders
- Inspecting & testing composite cylinders
- Inspection process
- Repairing acceptable damage
- Testing methods
- Valve inspection & refurbishment
- Replacement and torquing of cylinder valve
- Labelling of composite cylinders
- Action in the event of concerns over condition



What will the staff receive?

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

For course information

Contact the IDEST Ltd Training Manager on +44 (0)7917 091366 or email:
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