

Dielectric Strength Testing (Pressure Testing of Cables/ Transformers & Switchgear)

Those performing dielectric strength (or pressure) testing on HV systems up to 15kV must have the knowledge to do so safely; this course is designed to introduce you to the theoretical and practical principles of this testing.

Who is the Course Suitable For?

Made for electrical engineers/technicians who are responsible for carrying out high voltage pressure tests, or those with a responsibility for supervising personnel who carry out high voltage pressure tests.

It is a requirements that candidates should be authorised to receive sanction for test documents before taking this course (see HVSO5 - The Safe Application of High Voltage Electrical Testing and Subsequence Receipt of Sanction for Test Documents).

What's Covered in the Course?

Learn the theory and practical principles behind pressure testing on HV systems up to and including 15kV.

The course covers different insulating material characteristics, methods used to enable pressure testing on HV equipment (including cables, switchgear, transformers and motors) and also places emphasis on safety requirements and interpretation of test results.

The following subjects are covered as part of this course:

- Safety Requirements
- Power Cables
- Insulation Resistance
- Polarisation Index
- Flash Testing
- DC Pressure Tests
- AC Pressure Tests
- VLF (Very Low Frequency) Tests
- Practical Testing Exercises
- Course Review

Need Help?

Just give us a call on 01642 987 978 and our training team will be happy to answer all of your questions.

1 Day Course

Price: £295+VAT (including assessment costs) - per person



Course Code: HVTC1

Location: Stockton

Find Out More!

Get course dates and advice

Phone
01642 987 978

Email
training@pass.co.uk

Online
www.electricaltrainingcourse.co.uk

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Location: Stockton

What Assessments Are There?

You'll be expected to complete a written examination as well as take part in a practical examination during this course.

Are There Any Entry Requirements?

Yes - you should be an electrical engineer or technician who is responsible for carrying out HV pressure testing, or a supervisor responsible for overseeing this type of work.

Anyone attending training should also have a good level of both spoken and written English.

Are There Any Reading Materials Required?

There are no peripheral reading materials required for this course.

What Certificate Will I Get?

Those who successfully complete the course will receive a Certificate of Competence from PASS.

Those who do not wish to take the assessments, or do not pass the course, will receive a Certificate of Attendance instead.

Additional Information

If you are interested in this course and would like to find out more about the content, other courses on offer or would like to find out more information about PASS itself and the facilities available to you, contact the training centre where an advisor will be happy to answer all your questions.

Don't forget: lunch is provided on all our courses along with coffee, tea and juice.

Phone

01642 987 978

Email

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Online

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About Us

PASS Training & Development is a fully accredited training provider offering a wide variety of health and safety and electrical course packages. PASS is accredited by many leading bodies, including NEBOSH, IOSH & City and Guilds.

