



Dielectric Strength/Pressure Testing of Cables, Transformers & Switchgear

Dielectric strength testing (also known commonly as high potential or hipot testing) is the process of performing an electrical test on a component, or product, to determine the overall effectiveness of that item's electrical insulation.

Our dielectric strength testing high voltage training course is designed to give those performing dielectric strength (or pressure) testing on high voltage systems including cables, transformers and switchgear the knowledge, theoretical background and practical experience to perform this type of testing safely on electrical systems up to 15kV (15,000V).

This course covers various aspects relating to hipot testing, including insulating material characteristics and methods used to enable pressure testing on HV equipment (including cables, switchgear, transformers and motors).

Content includes:

- 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

1 Day Course

City & Guilds | Accredited Programme

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



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

**PASS**[™]
Training and Development

Dielectric Strength/Pressure Testing Course

1 Day Course

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

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 Certification Will I Receive from This Course?

You will receive a certificate of competency after successful completion of this course.

For candidates who decide not to undertake the assessments or are unsuccessful when taking the assessments, you 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.

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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.

