



Dielectric Strength/Pressure Testing of Cables, Transformers & Switchgear

All of our training is provided to the highest standards. We take customer feedback extremely seriously, and through training hundreds of candidates, we've developed training courses that are professional, ran by experienced tutors and help our customers to gain officially recognised qualifications in several different disciplines.

Our trainers deliver our training courses in an approachable, easy-to-understand and enjoyable manner, ensuring you get the best possible training experience. Every trainer we use is fully qualified, individually accredited and will work closely with you throughout the course to ensure you get the knowledge you need.

Course Overview

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).

City&Guilts | Accredited Programme

Key Information

Duration: 1 Day

Price: From £295.00+ VAT

Booking Code: HVTC1

Location: Stockton

Max Delegates: N/A

Contact: 01642 987 978



PASS™

Course Details

Who is this Course Suitable For?

You should be responsible, or are going to be responsible for carrying out high voltage dielectric pressure testing, or will be a supervisor responsible for overseeing this type of work.

Course Aim

This course covers various aspects relating to hipot testing, including 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 the interpretation of testing results.

What Does the Course Cover?

- ▶ 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

Entry Requirements

Electrical experience is essential, you should be or should have worked in the field. Anyone attending training should also have a good level of both spoken and written English.

Assessments

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

Course Certification

You will receive a Certificate of Competency in Dielectric Strength Testing Accredited by City & Guilds. Certificate of Attendance gained for those who do not pass the tests or decide not to take the tests.



Find Out More

If you are interested in this course and would like to find out more about the content, or the facilities available to you, then contact the training centre. We are always happy to answer all your questions. Or visit the course pages on our dedicated electrical training website:

www.electricaltrainingcourse.co.uk

Phone

01642 987 978

Email

training@pass.co.uk

Online

www.electricaltrainingcourse.co.uk

Head Office Address

1 Alberto Street, Stockton, TS18 2BQ

About Us

PASS Training and Development is a fully accredited training provider of City & Guilds, Logic and MCA training courses in Electrical, PAT Testing and Thermography.

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