

# Dielectric Strength/Pressure Testing of Cables, Transformers & Switchgear

At PASS training we are committed to delivering training to the highest standards. We value customer feedback and use it to continually refine our courses. Having trained hundreds of candidates, our programs are designed to be professional and led by experienced tutors. Our goal is to equip our customers with the knowledge and skills to achieve officially recognized qualifications across a range of disciplines.

Our trainers deliver courses in a clear, approachable, and enjoyable way, ensuring you have the best possible learning experience. Every trainer is fully qualified and accredited, and they work closely with you throughout the course to ensure you gain 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 & Guilds | Accredited Programme

## Key Information

**Duration:** 1 Day

**Price:** £350.00 + VAT

**Booking Code:** HVTC1

**Location:** Stockton

**Contact:** 01642 987 978



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# 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](http://www.electricaltrainingcourse.co.uk)

## Phone

01642 987 978

## Email

[training@pass.co.uk](mailto:training@pass.co.uk)

## Online

[www.electricaltrainingcourse.co.uk](http://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, LCL and MCA training courses in Electrical, PAT Testing and Thermography.

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