

# Electrical Pressure Testing Course

Course Code: HV11

## Introduction

The electrical pressure testing course covers the theory and practical principles of pressure testing on HV distribution systems up to and including 15kV, explaining the different insulating material characteristics as well as the methods used to enable the pressure testing of high voltage equipment, including cables, switchgear, transformers and motors with emphasis placed upon safety requirements and understanding of test results.

The high voltage testing in this course will demonstrate to high voltage engineers or trainee engineers the safe principles one must have to operate safely.

## Content

- \* Safety requirement
- \* Power cables
- \* Insulation resistance
- \* Polarisation index
- \* DC pressure tests
- \* AC pressure tests
- \* VLF (Very Low Frequency) tests explanation
- \* Practical testing exercises
- \* Course review

## Aim

To cover the theoretical and practical aspects of electrically testing the insulation integrity of power cables, switchgear, transformers, motors etc

## Participants

Those responsible for carrying out high voltage pressure testing or those with a responsibility for



supervising personnel who carry out high voltage pressure tests. It is recommended that candidates should be authorised to receive sanction for test documents before taking this course.

## Certification

Candidates will receive our "Attendance" certificate

Speak to a course advisor

**01782 461 506**

**[admin@sestraining.co.uk](mailto:admin@sestraining.co.uk)**

Units 14-15  
Park Hall Business Village  
Park Hall Road  
Longton  
Stoke-on-Trent, ST3 5XAE

