



Fundamentals of High Voltage Protection

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

This course involves several practical exercises and demonstrations combined with in-depth classroom theory. A wide range of protective devices are used, including mechanical, electromechanical and microprocessor based relays to give you the best true-to-life experience during your training.

This course requires a good foundation of knowledge and will be most beneficial to those already in the industry.

Key Information

Duration: 5 Days

Price: £1050.00+ VAT

Booking Code: HVPR01

Location: Stockton

Max Delegates: N/A

Contact: 01642 987 978



PASSTM

Course Details

Who is this Course Suitable For?

This course is suitable for Electrical/Plant Engineers, Supervisors, Technicians, Electricians with responsibility for the application, commissioning and/or maintenance of electrical protective equipment used on industrial electrical power systems.

Course Aim

This course is designed to provide detailed theoretical and practical instruction on HV/LV electrical protective equipment including primary and secondary injection, utilising electronic, microprocessor, and electro mechanical devices.

What Does the Course Cover?

- ▶ Power system protection
- ▶ Fuse and MCCB protection
- ▶ Current and voltage transformers
- ▶ Basic fault level calculations
- ▶ Calculation of graded time settings
- ▶ Current transformer magnetisation curves
- ▶ Primary injection testing
- ▶ Classification and function of relays
- ▶ Secondary injection testing
- ▶ Transformer, Motor, Feeder and Generator protection
- ▶ Bus zone protection
- ▶ Trip circuit supervision requirements
- ▶ Useful formulae

Entry Requirements

This training programme requires a good foundation of electrical knowledge, those interested may already be in a role where they have a responsibility for electrical protective equipment used on industrial electrical power systems, or looking to advance to such a role. Anyone attending training should also have a good level of both spoken and written English.

Assessments

You'll 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 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.



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.

1 Alberto Street, Stockton-on-Tees, TS18 2BQ

