

City & Guilds - Wind Turbine Safe Switching of Power Distribution Networks

Course Aim

This course provides delegates with the Knowledge and understanding to perform safe working procedures and best practices in relation to wind turbine power distribution systems, ensuring you can work in a safe, competent manner. This course enables delegates to become a senior authorised person (SAP) qualified to carry out safe switching of power distribution networks on wind turbines situated both on and offshore.

Who Should Attend?

Delegates attending this course should be an engineer, supervisor or technician working within the renewable energy industry, or you should be working towards working within this industry.

This course is not suitable for those delegates with limited electrical experience.

Course Duration

This is a 5 day course.

Certification

Delegates successfully completing this course will receive a City and Guilds

Agenda

- Electrical Hazards and Precautions
- PPE Requirements
- Electricity at Work Regulations 1989
- History of Wind Power Utilisation
- Wind Turbine Power Generation
- Switchgear Basics and General Principles
- Operational and Safety Features of Switchgear
- Electrical Safety Documents
- Key Safes and Multihaps
- Operational Procedures
- Practical Switching Exercises
- Issue and Control of Safety Documentation
- Introduction to Partial Discharge Detection
- Wind Turbine High Voltage Safety Rules
- Wind Turbine Switchgear Safety

Safety / Value / Availability / Support