



*Training Course:  
Safe Operation & Maintenance of Circuit  
Breakers and Switchgears*

*20 - 24 May 2024  
Manchester (UK)*







- Follow-up
- Safety considerations and training
- Case studies

## Day Five

### The Identification and Repair of Problems/ Failures

- Common mode failures
- Phase imbalance - lost phase
- Phase sequence checkout
- Contact pitting/arcing - why?
- Load and fault rating
- Electronic component failure
- Fusing
- Switches
- Control circuits
- Ground faults - cable and busbar faults
- Case studies
- A review of Safety Requirements
- Area classifications
- NEC electrical codes
- Safety information

