

**Jeffrey Ashman**

B Eng, CEng MIEE

Chartered Electrical (Power) Engineer

Associate IOMS (Mining)

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Qualifications

B Eng (Hon) Electrical & Power Engineering

Chartered Electrical Engineer

HND Electrical and Electronic Engineering

Mining Electrical Engineers Certificate

Associate Member Institute Materials Minerals and Mining (IOM³)

Diploma in Management Studies

Experience

Norway, Sweden, Denmark, Czech Republic, Qatar, Saudi Arabia, Turkey, Libya, Algeria, Greece, El Salvador, Dominican Republic, Italy, Germany, France, USA, Kuwait, Spain, Portugal, Estonia, Indonesia, China, Brazil, Peru, Venezuela

Career Synopsis

2006 – Date	Charles Taylor Technical – Elec Survey Engineer
2005 - 2006	Mott MacDonald's – Substation installations specialist
2000 - 2005	Site Electrical & Control Engineer Tate & Lyle Sugars
1990 - 2005	National Grid, Maintenance Engineer and Switchgear Specialist
1979 - 1987	British Coal Mining Electrical Engineer

Survey Experience

- Water Utility in Saudi Arabia
- Hydro-electric power in Czech Republic
- Wind turbine farms (onshore and offshore)
- Power stations worldwide (GT's, ST's)
- Vehicle production facility in Turkey
- Gold mines in Central America
- Coal Mines in Indonesia
- Copper Mines in Israel

Failure & Damage Investigations

- Storm/Flood
- Major damage to Utility assets

Contractors All Risks/Erection All Risks

- Boiler damage
- Subsea cable damage
- GT rotor damage
- Arc furnace damage
- Blast furnace damage
- Wind turbine damage
- Diesel Generator damage
- 22kV Generator damage
- Flooding of LV switchgear

Machinery Breakdown/Business Interruption

- Boiler tube damage
- Turbine over-speed damage
- Turbine blade failures
- Turbine combustion failures
- Transformer SC fault failure
- Generator winding faults
- Protection discrimination malfunction on HV generator circuit breaker
- Boiler safety system control failure
- Ship propulsion system damage
- Cargo Crane collapse

Professional Indemnity

- Boiler Control Philosophy
- Power Station LV supplies inter-tipping philosophy.
- Consulting engineers for railway signalling system
- Railway vehicle designers/suppliers
- Blast furnace protection tripping schemes

Engineering Consultancy Projects

- Risk Management Audit of major Middle East Utility
- Risk Management audit of Scandinavian Utility
- Risk Management audit of global paper and secure printing organisation

Litigation/Mediation

- Expert evidence for major professional indemnity claim involving nitrogen production facility.
- Expert evidence for liability Blast Furnace failure
- Expert evidence on handling of large flood damage
- Expert advice on train signalling failure
- Electrical Distribution Systems in Central America
- Electrical Transmission System surveys in Middle East, South America, UK
- Coal mines in Norway and Mexico
- Warehouses
- Offices
- Steel plants
- Pulp & Paper Mills
- Secure Printing (Paper & Cards)

Fire/Explosion/Terrorism

- Transformer fires & Explosions
- Generator & turbine explosions
- Transmission line failures
- LV switchgear fires
- Mine fires
- Cable fires
- Arc furnace explosions
- Arc Furnace and ladle breakthroughs

Accidental Damage

- Dropped HV generator
- Transportation damage to HV switchgear
- Crane collapse
- Corrosion of pipework and coolers
- Commissioning damage to HV electrical equipment.
- Commissioning damage to GTs
- HV Transformers

Business Interruption/Contingent Business Interruption

- Power station machinery breakdown – numerous incidents
- Storm damage to transmission and distribution system for major power producer