

Electrical



In all companies that manufacture, whether they make an engineering product or produce food, chemicals, paper, clothes or provide a service for the Docks, Water Boards or Hospitals, they use machinery and equipment which is powered by electricity. Machinery and equipment develop electrical faults, so electrical maintenance is an essential part of the operation.

Maintenance is an action required to keep machinery and equipment running in proper working order, and with all the very sophisticated equipment around today, it's a tall order. So because of the masses of important machines throughout the country which have to be maintained in top working order, a top class electrical workforce is required, and this is where the electrical maintenance engineer comes in.

A breakdown can cost thousands of pounds an hour in lost production, and maintenance staff have to find out quickly what has gone wrong and put it right. This can involve stripping things right down, repairing and rectifying the fault. Maintenance staff are certainly a bit special, they are expert problem solvers. They often work in teams, totally relying on each others efforts to get production back to normal as quickly as possible.

This kind of job demands the ability to think logically and develop the mental process of fault finding. Some theoretical aspects are also involved in the work and entrants should have acquired a good mathematical and science background at school or college in order to study for BTEC, ONC and HNC qualifications.