

Engineering Apprenticeship

The Engineering Apprenticeship comprises two stages of training:

Initial stage

This takes place 'off the job' and is generally a broad base of practical skills, knowledge and understanding of engineering as a craft and prepares an apprentice for further training. You should achieve (NVQ) Diploma 2 and a mandatory minimum of 3 technical units in order to complete this stage. This stage lasts for 10 months or can be shortened to 3 x 6 week blocks.

Post Initial Stage

The remainder of your apprenticeship takes place 'on site' at your employer's premises where you develop skills, knowledge and understanding of your company and its processes and gather evidence towards gaining your (NVQ) Diploma 3.

Mechanical Maintenance

This involves the repair of all mechanical items that are used in the manufacture of another product i.e. repairing pumps, conveyor systems, gearboxes and compressors.

Electrical Maintenance

Repairing electrical supply, installing motors working on control equipment. You could be working on voltages ranging from 12v to 33,000v!

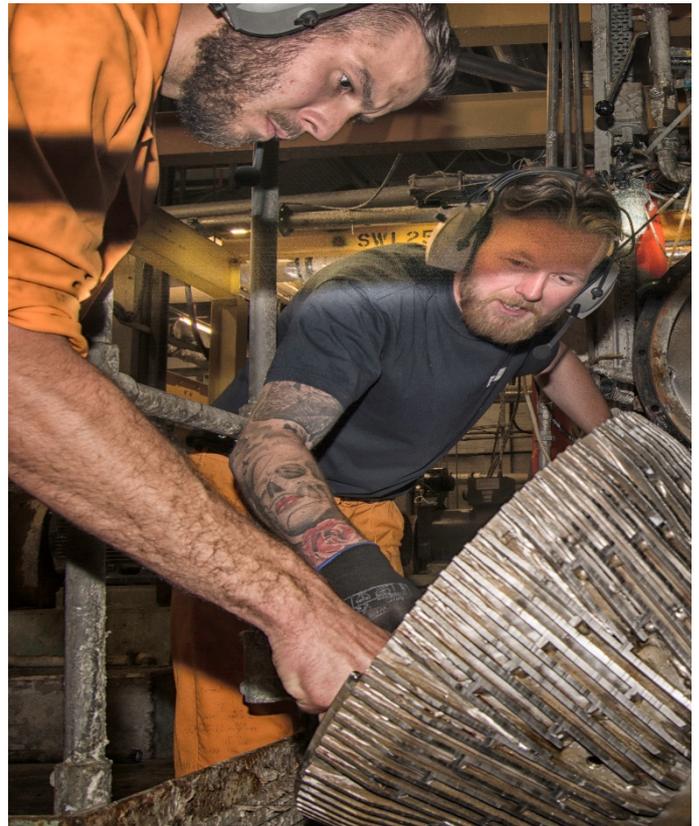
Control/Instrument Engineer

Making sure the processes work properly working on such things as pneumatic systems and programmable logic controllers.

What QUALIFICATIONS will you achieve?

There are a variety of qualifications that can be achieved by the Apprentice as well as individual course certificates obtained during training.

Any Apprenticeship must have an outcome of an (NVQ) Diploma 3, which is a competence-based assessment of ability to carry out a range of tasks.



In addition, there is a strong reliance within Engineering Training on Further Education which is also carried out at our centre.

Apprentices normally follow either City and Guilds or BTEC National courses depending on school or prior educational achievement.

The outcome qualifications for an Apprentice would be:

- **(NVQ) Diploma 2 Performing Engineering Operations**
- **(NVQ) Diploma 3 Engineering Maintenance**
- **Level 2 Functional Skills**
- **BTEC National Certificate**

Candidate Recruitment

Educational attainment should be to a minimum of 4 GCSEs Grade 'C' and to include Maths, Combined Sciences and English.

You will be invited for an aptitude test which includes the following tests:

- **Verbal Understanding**
- **Numerical Reasoning**
- **Mechanical Concepts**
- **Fault Diagnosis**

Functional Skills

Functional Skills are skills that are commonly needed for success in a range of activities in education, training, work and life in general.

Employers have taken a lead in promoting the importance of the key skills for employability.

The three primary functional skills units are:

- **English**
- **Information Technology**
- **Maths**

These require an external assessment test

Diagnostic tests allow both you and your trainer to identify areas where you are competent and areas where you need further development.