MGL Demolition

APPRENTICESHIPS

CITB Plant Maintenance Apprenticeship

What is a Plant Fitter?

This apprenticeship covers all the basic principles you need to learn to become a plant mechanic and work within the plant maintenance department of a business.

The job involves ensuring that all the heavy machinery and equipment used during construction projects – such as excavators, earth movers, forklifts, telescopic handlers and dumper trucks – is well maintained so it works efficiently and safely. On this apprenticeship you'll learn how to service and repair machines and equipment, including replacing parts and checking and calibrating instruments. You'll study everything from basic engineering skills to the latest technological advancements in electro-hydraulics and computerised control systems.

Apprenticeship Summary

Duration	**Yr 1** 16 Weeks Training (in 4 blocks) at the National Construction College (NCC) **Yr 2** 9 Weeks Training (in 3 blocks) at the National Construction College (NCC) You'll spend the periods between college training with your employer, developing work-based skills and knowledge.
Entry Requirements	The recommended qualifications are four GCSE's (Grade D or higher) You will have to complete a Skills Learning Exercise.
Assessment and Training	This is a combination of classroom-based theory and workshop –based practicals, plus individual tutorials and periodic progress reviews.
Qualifications/ Certification	Advanced Apprenticeship in Plant Maintenance Level 3 NVQ Diploma in Plant Maintenance Level 2 Functional Skills Advanced Certificate

What Practical Experience and Skills will you gain? This apprenticeship follows a tried and tested format, covering the basic engineering subjects that are common to all plant maintenance disciplines, including practical training in:

- Bench fitting/engineering skills/tech drawing
- Materials and measurements
- Servicing techniques and procedures
- Basic Electrics
- Braking systems
- Lifting equipment and procedures
- Fuels/Lubricants/consumables
- Welding/brazing/soldering
- Engine Management/computerised control
- Functional and Operating Procedures
- Multi-cylinder power units
- Hydraulics & transmissions
- Steering & suspension systems
- Tracks/wheels/tyres
- Auxiliary Plant
- Compressors, air tools and pneumatics
- Electro-hydraulics
- Basic Electronics
- Testing & diagnostic procedures
- Electrical Safety testing