



Pathway Group
putting you first



edexcel

EDI

Supporting learning
and performance

**City &
Guilds**

IMPROVING OPERATIONAL
PERFORMANCE INTERMEDIATE
APPRENTICESHIP IN PERFORMING
ENGINEERING OPERATIONS

LEVEL 2

For more information contact Pathway Group on 0800 955 0870 or 0121 707 0550
or visit www.pathwaygroup.co.uk

Improving Operational Performance Intermediate Apprenticeship in Performing Engineering Operations Level 2



This apprenticeship is designed to meet the needs of candidates who are starting out in their career as Maintenance operative, metal working and machine operatives, Quality control, CNC operator or Process operator.

Length of Qualification: 24 – 36 months

The Framework Components of the Qualification:

1. Level 2 NVQ Diploma in Performing Engineering Operations

(Release into college required for 1 academic year, full or part time routes available)

This requires building a portfolio of evidence through practical tasks and assessments, consisting of Health and Safety, Working with Others, Communicating Technical Information. To achieve the full award the candidate will need to complete 48 credits.

2a. BTEC Level 2 Diploma in Engineering

(Day release into college required for 2 academic years)

The candidate will work towards achieving 60 credits for the full award. This course has a mix of academic and practical activities, including:

- Working Practices in Engineering, Using and Interpreting Engineering Information
- Applied Electrical and Mechanical Science and Mathematics
- A choice of CAD or Machining

Or

2b. BTEC Level 2 Extended Certificate in Engineering

(Day release into college required for 1 academic year)

The candidate will work towards achieving 30 credits for the full award. The course has a mix of academic and practical activities, including:

- Working Practices in Engineering, Using and Interpreting Engineering Information
- Applied Electrical and Mechanical Science and Mathematics
- A choice of CAD or Machining

Or

2c. Award in Industrial Environmental Awareness

(Delivered in the workplace)

This workbook provides knowledge qualifications to support key areas of technical knowledge development needed for apprentices in engineering and manufacturing industries to carry out their duties in a safe and efficient manner. The candidate will work towards achieving 12 credits; this will be assessed through a portfolio of evidence and a multiple choice test.

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3. Key Skills or Functional Skills

- Application of Number at Level 1 (portfolio and multiple choice test) or Functional Maths Level 1
- Communication at Level 1 (portfolio and multiple choice test) or Functional English Level 1

Key skills are incorporated into the apprenticeship to help the candidate develop their transferable skills. The portfolio is built using relative industry models and situations to confirm their understanding. Candidates with transferrable skills may be exempt from this, but must provide original certificates to the assessor to show the level of their attainment.

4. Employment Rights and Responsibilities

This is an employment rights and responsibilities workbook administered by EMTA. This focuses on the candidates awareness to legislations and regulations related to the industry.

5. Personal Learning and Thinking Skills

This element is embedded into the Diploma and will support the candidate's ability to apply their skills in the workplace as a creative thinker, develop their team working skills, make independent enquiries; self manage their workload, participate effectively and reflect on their journey.

The Apprenticeship Delivery:

The apprenticeship is carried out in the workplace and at college with qualified trainers / assessors who will help and support the individual through their qualifications, also giving advice and guidance on techniques. The assessor will visit the candidate every two to three weeks in the workplace to guide them through their qualification and assess the candidate's competence. There will also be taught input sessions to cover the criteria for the technical certificate.



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