

NVQ 2 MATERIALS PROCESSING AND FINISHING



Course Objectives

- To enable participants to achieve work based competences in Materials Processing and Finishing Activities
- To assist participants gain a nationally recognised qualification
- To improve the skills level of an Employer's Workforce

Course Content

There are six pathways that an employer would select from (examples)

Moulding and Core Making
Melting and Casting Metal
Fettling and Finishing
Applying Coatings and Coverings
Composite Manufacture
Injection Moulding

After induction to the programme candidates will be required to provide evidence of competence for the units that make up a specific pathway. They will also need an understanding of underpinning knowledge for the selected pathway and individual units.

Mandatory Units

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| MPF2/001 | Complying with Statutory Regulation and Organisational Safety Requirements |
| MPF2/002 | Using and Interpreting Engineering Data and Documentation |
| MPF2/003 | Working Efficiently and Effectively in Engineering |

Optional Units for Melting and Casting Metal Pathway (must complete the three mandatory units plus 2 units from the choice below)

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| MPF2/013 | Melting Metal for Casting |
| MPF2/014 | Casting Metal by Manual Means |
| MPF2/015 | Casting Metal by Mechanical Means |
| MPF2/016 | Preparing Furnace and Ladle Linings for Melting and Pouring Metal |
| MPF2/017 | Controlling and Treating Molten Metal in Readiness for Casting |
| MPF2/018 | Producing Metallic Castings using the Gravity Die Process |
| MPF2/019 | Producing Metallic Castings using the Pressure Die Process |

Units for Injection Moulding Pathway (must complete the three mandatory units plus the unit below)

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| MPF2/060 | Operating Plastic Injection Moulding Machines |
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Designed for

Personnel who work on Materials Processing and require additional skills or have no formal qualifications

Location:

Employers premises

Duration:

6 to 9 months
depending on
candidate

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