



# Manufacturing Ceramic and Associated Products

## Qualification Structure

Candidates are required to complete Mandatory Units and then have a choice of Optional Units.

Document detail:

Manufacturing Ceramic and Associated Products	Level 1		NVQ
Manufacturing Ceramic and Associated Products	Level 2	Hand-led	NVQ
Manufacturing Ceramic and Associated Products	Level 2	PMO	NVQ

Who is the Qualification for:

The purpose and aim of these NVQs is to provide accreditation and recognition for skills and competence in the Ceramic Manufacturing and Associated Products Sector.

<b>Manufacturing Ceramic and Associated Products</b>	Level 1
	100/6308/0 (NVQ)
<b>Last Registration Date</b>	31 <sup>st</sup> December 2010
<b>Last Certification Date</b>	31 <sup>st</sup> December 2011

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Total Number of Units Required: 4

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#### **Mandatory Units**

- 1 Prepare for manufacturing ceramic and associated products
  - 2 Create and maintain effective working relationships in ceramic and associated products manufacturing
  - 3 Comply with Health and Safety laws and company safety requirements in ceramic and associated products manufacturing
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#### **Optional Units**

*1 unit required, taken from:*

- 5 Decorate ceramic and associated products by applying lithographs or transfers (simple shapes/patterns)
- 6 Make simple production moulds for manufacturing ceramic and associated products
- 7 Rectify ceramic and associated products
- 8 Place goods and materials into storage in ceramic and associated products manufacturing
- 9 Trim, fettle and smooth formed ceramic and associated products (simple shapes)
- 10 Select and grade ceramic and associated products (simple shapes/patterns)
- 1.03 Moving materials within manufacturing operations
- 1.09 Carrying out product assembly operations
- 1.13 Carrying out finishing operations
- 1.15 Carrying out packaging operations
- 1.16 Servicing the line

Manufacturing Ceramic and Associated Products	Level 2
	100/6309/2 (NVQ)
Pathway	Hand-led
Last Registration Date	31 <sup>st</sup> March 2011
Last Certification Date	31 <sup>st</sup> March 2013

Total Number of Units Required: 5

#### Mandatory Units

- 1 Prepare for manufacturing ceramic and associated products
- 2 Create and maintain effective working relationships in ceramic and associated products manufacturing
- 3 Comply with Health and Safety laws and company safety requirements in ceramic and associated products manufacturing
- 4 Contribute to improvements in ceramic and associated products manufacturing

#### Optional Units

*1 unit required, taken from:*

- 20 Process materials to make plastic clay, slip or glaze for ceramic and associated products manufacturing
- 21 Form or decorate ceramic and associated products by removal of material
- 22 Form or decorate ceramic and associated products by adding material
- 23 Form ceramic and associated products by shaping or moulding
- 24 Form ceramic and associated products by cutting
- 25 Form ceramic and associated products from liquid slip or cold cast material
- 26 Form ceramic and associated products by joining or assembling
- 27 Form ceramic products by throwing on the potters' wheel
- 28 Decorate ceramic and associated products by applying lithographs or transfers (simple and complex)
- 29 Decorate ceramic and associated products by applying colour, glaze or precious metal
- 30 Decorate ceramic and associated products by surface alteration
- 31 Model items for the production of ceramic and associated products
- 32 Trim, fettle and smooth formed ceramic and associated products (simple and complex shapes)
- 33 Select and grade ceramic and associated products (simple and complex shapes/patterns)
- 34 Make complex production moulds for ceramic and associated products manufacturing
- 35 Apply a protective coating of glaze, slip or varnish to the surface of ceramic and associated products
- 36 Load and prepare the chamber for de-airing cold cast products
- 37 De-air and cure cold cast products
- 38 Load and prepare the kiln for firing ceramic products
- 39 Fire ceramic products using a kiln

Manufacturing Ceramic and Associated Products	Level 2
	100/6309/2 (NVQ)
Pathway	PMO
Last Registration Date	31 <sup>st</sup> March 2011
Last Certification Date	31 <sup>st</sup> March 2013

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Total Number of Units Required: 6

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#### Mandatory Units

- 2 Create and maintain effective working relationships in ceramic and associated products manufacturing
  - 3 Comply with Health and Safety laws and company safety requirements in ceramic and associated products manufacturing
  - 4 Contribute to improvements in ceramic and associated products manufacturing
  - 2.04 Preparing for manufacturing operations
  - 2.05 Concluding manufacturing operations
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#### Optional Units

*1 unit required, taken from:*

- 2.03 Transferring materials
- 2.11 Producing products by processing
- 2.15 Producing packaged products
- 2.16 Making products using computer controlled equipment
- 2.17 Manufacturing products using combined manufacturing operations
- 2.18 Controlling manufacturing operations
- 2.22 Carrying out inspection and testing activities
- 8 Place goods and materials into storage in ceramic and associated products manufacturing