



# Chemical, Pharmaceutical and Petro-Chemical Operations

## Certificate Awards

### Qualification Structure

The Chemical, Pharmaceutical and Petro-Chemical Operations Certificate Awards are available at Levels 3 and 4. These four new smaller awards have been developed to enable technical operatives to accredit their skills in critical areas to the processing sectors. They are qualifications that will provide credit that allows the learner to progress onto other qualifications, such as the Level 3 NVQ in Chemical, Pharmaceutical and Petro-Chemical Operations.

#### Document detail:

**Level 4 Certificate in Emergency Response in Chemical, Pharmaceutical and Petro-Chemical Industries - 23 Credits**

**Level 3 Certificate in Process and Manufacturing Improvement for Chemical, Pharmaceutical and Petro-Chemical Operations - 36 Credits**

**Level 3 Certificate in Process Management for Chemical, Pharmaceutical and Petro-Chemical Operations - 18 Credits**

**Level 3 Certificate in Project Management for Chemical, Pharmaceutical and Petro-Chemical Operations - 27 Credits**

#### Who is the Qualification for:

The above qualifications may be suitable for you if you have one of the following job roles:

- Chemical Plant Process Worker
- Chemical Engineer
- Chemical Engineering Technician

**Certificate in Emergency Response in Chemical,  
Pharmaceutical and Petro-Chemical Industries**

Level 4

23 Credits

500/2981/2

**Last Registration Date**

31<sup>st</sup> December 2010

**Last Certification Date**

31<sup>st</sup> December 2013

---

Total Number of Units Required: 6

---

**Mandatory Units**

- 3.1c Emergency procedures within chemical, pharmaceutical and petro-chemical environments
  - 3.1k How to carry out emergency procedures within chemical, pharmaceutical and petro-chemical environments
  - 3.3c Working effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.3k How to work effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.8c Control emergencies and critical situations within chemical, pharmaceutical and petro-chemical environments
  - 3.8k How to control emergencies and critical situations within chemical, pharmaceutical and petro-chemical environments
- 

**Certificate in Process and Manufacturing  
Improvement for Chemical, Pharmaceutical and  
Petro-Chemical Operations**

Level 3

36 Credits

500/3043/7

**Last Registration Date**

31<sup>st</sup> December 2010

**Last Certification Date**

31<sup>st</sup> December 2013

---

Total Number of Units Required: 6

---

**Mandatory Units**

- 3.3c Working effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.3k How to work effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.5c Contribute to standard operating procedures in chemical, pharmaceutical and petro-chemical environments
  - 3.5k How to contribute to standard operating procedures in chemical, pharmaceutical and petro-chemical environments
  - 3.6c Solving process problems in chemical, pharmaceutical and petro-chemical environments
  - 3.6k How to solve process problems in chemical, pharmaceutical and petro-chemical environments
-

**Certificate in Process Management for Chemical, Pharmaceutical and Petro-Chemical Operations**      Level 3      18 Credits

500/3144/2

**Last Registration Date**      31<sup>st</sup> December 2010

**Last Certification Date**      31<sup>st</sup> December 2013

---

Total Number of Units Required:    8

---

**Mandatory Units**

- 3.2c      Handover within chemical, pharmaceutical and petro-chemical environments
  - 3.2k      How to handover within chemical, pharmaceutical and petro-chemical environments
  - 3.3c      Working effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.3k      How to work effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.4c      Clean and prepare complex plant and equipment for production in chemical, pharmaceutical and petro-chemical environments
  - 3.4k      How to clean and prepare complex plant and equipment for production in chemical, pharmaceutical and petro-chemical environments
  - 3.7c      Allocate personnel to maintain processing within chemical, pharmaceutical and petro-chemical environments
  - 3.7k      How to allocate personnel to maintain processing within chemical, pharmaceutical and petro-chemical environments
- 

**Certificate in Project Management for Chemical, Pharmaceutical and Petro-Chemical Operations**      Level 3      27 Credits

500/2954/X

**Last Registration Date**      31<sup>st</sup> December 2010

**Last Certification Date**      31<sup>st</sup> December 2013

---

Total Number of Units Required:    6

---

**Mandatory Units**

- 3.3c      Working effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.3k      How to work effectively in a team within chemical, pharmaceutical and petro-chemical environments
  - 3.6c      Solving process problems in chemical, pharmaceutical and petro-chemical environments
  - 3.6k      How to solve process problems in chemical, pharmaceutical and petro-chemical environments
  - 3.7c      Allocate personnel to maintain processing within chemical, pharmaceutical and petro-chemical environments
  - 3.7k      How to allocate personnel to maintain processing within chemical, pharmaceutical and petro-chemical environments
-