



Hydrocarbons

Qualification Structure

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

Document detail:

Bulk Liquid Warehousing	Level 2	NVQ
Processing Operations: Hydrocarbons	Level 1	NVQ
Processing Operations: Hydrocarbons	Level 2	NVQ
Processing Operations: Hydrocarbons	Level 3	NVQ
Processing Operations: Hydrocarbons	Level 3 (Control Room)	NVQ
Refinery Control Room Operations	Level 3	NVQ
Refinery Field Operations	Level 3	NVQ

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
- Oil and Gas Industry Technician
- Oil and Gas Engineer

Bulk Liquid Warehousing Level 2
100/4875/3 (NVQ)
Last Registration Date 31st December 2009
Last Certification Date 31st December 2011

Processing Operations: Hydrocarbons Level 1
100/4871/6 (NVQ)
Last Registration Date 31st December 2010
Last Certification Date 31st December 2011

Total Number of Units Required: 8

Total Number of Units Required: 5

Mandatory Units

- 1 Monitor and Maintain Equipment and Condition of Bulk Liquid Products
- 2 Prepare Pipelines and Hoses
- 3 Transfer Bulk Liquid Products
- 4 Provide Product Control Information
- 5 Establish and Maintain Effective Working Relationships
- 6 Contribute to the Safety of Bulk Liquid Warehousing Operations

Mandatory Units

- PTC1.1 Start Up And Shutdown A Process System
- PTC1.2 Monitor A Process System
- C1 Contribute To The Health And Safety Of The Working Environment
- C3 Assist With The Control Of Emergencies And Critical Situations
- C6 Establish And Maintain Effective Working Relationships

Optional Units

2 units required from:

- 7 Management of Measurement Equipment
- 8 Clean and Clear Bulk Liquid Storage Tanks
- 9 Package Bulk Liquid Products

Optional Units

There are no optional units in this qualification

Processing Operations: Hydrocarbons Level 2
100/4872/8 (NVQ)
Last Registration Date 31st December 2010
Last Certification Date 31st December 2012

Processing Operations: Hydrocarbons Level 3
100/4873/X (NVQ)
Last Registration Date 31st December 2010
Last Certification Date 31st December 2013

Total Number of Units Required: 7

Total Number of Units Required: 7

Mandatory Units

- PTC 2.1 Prepare Process Systems For Start Up
- PTC 2.2 Operate And Monitor Process Systems
- PTC 2.3 Prepare Process Systems For Shutdown
- PTC 2.4 Isolate And Reinstate Process Plant And Equipment
- C1 Contribute To The Health And Safety Of The Working Environment
- C4 Contribute To The Control Of Emergencies And Critical Situations
- C6 Establish And Maintain Effective Working Relationships

Mandatory Units

- PTC 3.1 Prepare Integrated Process Systems For Start Up
- PTC 3.2 Operate And Monitor Integrated Process Systems
- PTC 3.3 Prepare Integrated Process Systems For Shutdown
- PTC 3.4 Isolate And Reinstate Process Plant And Equipment
- C2 Monitor And Maintain Health And Safety Systems
- C5 Control Emergencies And Critical Situations
- C7 Create, Maintain And Enhance Productive Working Relationships

Optional Units

There are no optional units in this qualification

Optional Units

There are no optional units in this qualification

Processing Operations: Hydrocarbons (Control Room) Level 3
100/4874/1 (NVQ)
Last Registration Date 31st December 2010
Last Certification Date 31st December 2013

Refinery Control Room Operations Level 3
100/4876/5 (NVQ)
Last Registration Date 31st December 2009
Last Certification Date 31st December 2012

Total Number of Units Required: 7

Total Number of Units Required: 7

Mandatory Units

- PTC 3.1 Prepare Integrated Process Systems For Remote Control Operation
- PTC 3.2 Remotely Control Integrated Process Systems
- PTC 3.3 Prepare Integrated Process Systems For Remote Shutdown
- PTC 3.4 Facilitate The Maintenance Of Process Plant And Equipment
- C2 Monitor And Maintain Health And Safety Systems
- C5 Control Emergencies And Critical Situations
- C7 Create, Maintain And Enhance Productive Working Relationships

Mandatory Units

- 12 Maintaining the Safety of Refinery Operations
- 13 Commissioning Process Operations
- 14 Controlling Process Operations
- 15 Managing the Response to Incidents, Hazardous Conditions and Emergencies
- 16 Managing Process Condition Information
- 17 Responding to Abnormal Process Conditions
- 18 Shutting Down Process Operations

Optional Units

There are no optional units in this qualification

Optional Units

There are no optional units in this qualification

Refinery Field Operations	Level 3
	100/4877/7 (NVQ)
Last Registration Date	31 st December 2009
Last Certification Date	31 st December 2012

Total Number of Units Required: 10

Mandatory Units

- 1 Contributing to the Safety of Refinery Operations
- 2 Starting up Equipment
- 3 Monitoring and Maintaining Process and Equipment Conditions
- 4 Responding to Incidents, Hazardous Conditions and Emergencies
- 5 Handling Non-routine Information on Plant Condition
- 6 Providing Samples for Analysis
- 7 Shutting Down Equipment
- 8 Provide On-plant Instruction
- 9 Prepare for Maintenance

Optional Units

1 unit required to be taken from:

- 10 Carrying Out Maintenance Within Agreed Scope of Authority
- 11 Analysing Samples