

# IVQ in Oil & Gas Centres' information



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Oil and gas is a highly skilled industry and there's no substitute for high quality training when it comes to learning the skills required. City & Guilds qualifications in oil and gas are designed to reflect the different skills required by oil and gas technicians when operating in different technical areas. It is important that oil and gas technicians have the capabilities and knowledge to carry out their responsibilities confidently and safely, and that learners have the skills to meet industry demand.

The City & Guilds oil and gas IVQ covers Mechanical, Electrical and Instrumentation Maintenance as well as Process technologies. It is a practical qualification and is suitable for experienced learners within the industry and also rewards and recognises career progression.

## Which qualifications are available?

### IVQ Advanced Diploma in Oil and Gas – Mechanical Maintenance Technician:

The qualification is ideal for anyone wishing to commence a career in Mechanical Maintenance. It is highly practical and provides the skills and underpinning knowledge required to practice as a Mechanical Technician in the oil and gas industry.

Learners must complete units 001-006, 007-009 plus **any two** of 010-015, and **any two** between 016-023.

### IVQ Advanced Diploma in Oil and Gas – Electrical Maintenance Technician:

The qualification is ideal for anyone wishing to commence a career in Electrical Maintenance. It is a highly practical qualification and provides the skills and underpinning knowledge required to practice as an Electrical Technician in the oil and gas industry.

Learners must complete units 001-006, 024-026 plus **any two** of 027-032, and **any two** between 033-040.

### IVQ Advanced Diploma in Oil and Gas – Instrumentation Maintenance Technician:

The qualification is ideal for anyone wishing to commence a career in Instrumentation Maintenance. It is a highly practical qualification and provide the skills and underpinning knowledge required to practice as a Instrumentation Maintenance Technician in the oil and gas industry.

Learners must complete units 001-006, 041-043 plus **any two** of 044-049, and **any two** between 050-057.

### IVQ Advanced Diploma in Oil and Gas – Process Technician:

The qualification is ideal for anyone wishing to commence a career in Process technologies. It is a highly practical qualification and provides the skills and underpinning knowledge required to practice as a Process Technician in the oil and gas industry.

Learners **must** complete units 058-064.

## Who are the qualifications suitable for?

The IVQ Advanced Diploma is suitable for someone who already has skills developed in the oil and gas industry, and wants to develop these skills and work as a Technician in the oil and gas industry and supervise others. However the structure of the qualification makes teaching the standard in a simulated working environment very easy so new starters can also benefit from undertaking the IVQ.

## Do the qualifications form part of a recognised framework?

These qualifications are accredited onto the National Qualifications Framework.

## How are the qualifications assessed?

Learners are assessed by a series of practical tasks and written or oral questions for each unit; learners need to achieve all the tasks to gain the relevant qualification. These include;

- Tasks which require learners to demonstrate occupational skills. City & Guilds provides centres with the guidance on assessment procedures.
- Tasks which require learners to demonstrate their subject knowledge – this is carried out by written or oral knowledge questions which are set and marked by the centre. City & Guilds provides centres with example questions.

## What resources are available for these qualifications?

- **Suitably qualified Assessors** – to be eligible, will need experience of working in the oil and gas industry as a Technician and/or hold a relevant oil and gas Technician qualification within the particular technical pathway. An Assessor should be qualified to at least the same level that is being taught. For example, a person teaching learners for the IVQ Advanced Diploma should have the skills described in the IVQ Advanced Diploma standards or above.
- **Equipment** – such as mechanical equipment required for maintenance and assessing performance, defective equipment required to analyse defects and faults, fault finding tools to use on faulty equipment/machinery, tools for removing mechanical components, mechanical equipment/ plant for maintenance, electrical equipment/plant for maintenance, instrumentation equipment/plant for maintenance, mechanical equipment/plant for Isolating and de-isolating equipment.
- **Internal Verifier** - with experience of working in the oil and gas industry as a Technician and/or hold an oil and gas Technician qualification within the particular technical pathway. The Internal Verifier will monitor the quality of assessments and ensure City & Guilds assessment criteria are met. Since the role holds a lot of responsibility City & Guilds insists that this role must be undertaken by a senior manager.

## Key points

- Designed to reflect different roles within the industry
- Highly practical qualifications
- Related to UK national occupational standards
- Supported by Europass Certificate Supplement

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## How can I find out more?

Log on to our website or contact our Customer Relations team at:

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**If asked for a qualification number, please quote 8510.**

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