



Award for Nuclear Industry Awareness (QCF)

Qualification Structure

Candidates are required to complete 10 Credits from 3 Mandatory Units to achieve the qualification.

Document detail:

Level 2 Award for Nuclear Industry Awareness (QCF) - 10 Credits

Who is the Qualification for:

The Award has been primarily designed to meet the needs of apprentices and all other personnel new to the Nuclear Sector who need to gain a foundation level of understanding of the nuclear industry into which they will be starting their employment. The Award will also benefit those in the industry who wish to have a broader awareness and wish to gain recognition of their knowledge of the Nuclear Sector.

Award for Nuclear Industry Awareness (OCF)	Level 2	10 Credits
	500/5876/9	
Last Registration Date	31 st May 2015	
Last Certification Date	31 st May 2017	

For the Award: All 3 Mandatory Units totaling 10 Credits are required.

Mandatory Units

- 1 History, Site Licence, Security, Behavioural Expectations and Stakeholders of the Nuclear Industry
 - 2 Fundamentals of Nuclear Physics, Radiation Hazards, Detection, Safety Culture, Emergency Procedures, Control of Contamination in the Nuclear Industry
 - 3 Electricity Generation, Defence, Fuel Cycle, Waste Management, Environment, Decommissioning, Emergency Procedures for the Nuclear Industry
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Unit Summary

- 1 History, Site Licence, Security, Behavioural Expectations and Stakeholders of the Nuclear Industry**

The aim of this unit is to provide an overview of the history and general description of the nuclear industry, security within nuclear sites, the UK nuclear stakeholders and behavioural expectations of employees.
- 2 Fundamentals of Nuclear Physics, Radiation Hazards, Detection, Safety Culture, Emergency Procedures, Control of Contamination in the Nuclear Industry**

The aim of this unit is to provide a foundation in the scientific concepts and principles associated with atomic structure, radioactivity, ionising radiation, the detection of ionising radiation and its hazards. General emergency procedures within the nuclear industry, safety legislation and safety culture will be discussed.
- 3 Electricity Generation, Defence, Fuel Cycle, Waste Management, Environment, Decommissioning, Emergency Procedures for the Nuclear Industry**

The aim of this unit is to provide a foundation in the construction, functioning and decommissioning of nuclear reactors used by the defence industry and electricity generating industries. The management of the waste generated by the nuclear fuel cycle is also considered along with emergency procedures.