

Energy – **Engineering**



Scotland is renowned for its engineering pedigree. The skills and knowledge of Scottish engineers have shaped the modern world.

There has never been a better time for talented people to become engineers — it is estimated that 2.2 million new engineering employees will be needed over the next 10 years. That makes it one of the most exciting and rapidly evolving sectors in the UK and around the world.

SQA offer a full range of qualifications to develop the right skills for the future.

SQA's qualifications cover the key subjects employers within the industry need. All of our qualifications recognise learner achievement, demonstrate competence to work in the sector, and have been developed in close association with the industry.



Energy – Engineering Qualifications

Qualification Name	SCQF Level	Qualification Name	SCQF Level	Qualification Name	SCQF Level
NQ		NC		HNC – Mechanical Engineering	
Intermediate 1 Engineering Craft Skills	4	NC Electrical Engineering	5	HNC – Mechatronics	7
Intermediate 2 Engineering Craft Skills	5	NC Electronic Engineering	5	HNC – Petroleum Engineering	7
Higher Fabrication and Welding Engineering	6	NC Engineering Practice	5	HNC – Shipbuilding	7
		NC Engineering Systems	5		
SfW		NC Fabrication and Welding Engineering	5	PDA	
Intermediate 1 Engineering Skills	4	NC Mechanical Maintenance Engineering	5	PDA – Engineering Practice: Electrical Engineering	7
Intermediate 2 Engineering Skills	5	NC Manufacturing Engineering	5	PDA – Engineering Practice: Engineering Maintenance	7
		NC Computer Aided Design & Technology	6	PDA – Engineering Practice: Engineering Manufacture	7
SVQ		NC Electrical Engineering	6	PDA – Engineering Practice: Fabrication and Welding	7
SVQ 1 Performing Engineering Operations	4	NC Electronic Engineering	6	PDA – Computer Aided Draughting and Design	7
SVQ2 Performing Engineering Operations	5	NC Engineering Systems	6		
SVQ2 Performing Manufacturing Operations	5	NC Fabrication and Welding Engineering	6	HND	
SVQ 2 Process Engineering Maintenance (Electrical)	5	NC Manufacturing Engineering	6	HND – Aircraft Engineering	8
SVQ 2 Process Engineering Maintenance (Instrument and Control)	5	NC Measurement and Control Engineering	6	HND – Electrical Engineering	8
SVQ 2 Process Engineering Maintenance (Mechanical)	5	NC Mechanical Engineering	6	HND – Electronics	8
SVQ 3 Fabrication and Welding Engineering (Manual Welding)	6			HND – Engineering Systems	8
SVQ 3 Fabrication and Welding Engineering (Pipe and Tube Fabrication)	6	HNC		HND – Marine Engineering	8
SVQ 3 Fabrication and Welding Engineering (Plateworking 3mm upwards)	6	HNC – Aircraft Engineering	7	HND – Measurement and Control Engineering	8
SVQ 3 Fabrication and Welding Engineering (Welding Machine Setting and Operating)	6	HNC – Automotive Engineering	7	HND – Mechanical Engineering	8
SVQ 3 Process Engineering Maintenance (Electrical)	7	HNC – Computer Aided Draughting and Design	7	HND – Petroleum Engineering	8
SVQ 3 Process Engineering Maintenance (Instrument and Control)	7	HNC – Contracting Management	7	HND – Manufacturing Engineering	8
SVQ 3 Process Engineering Maintenance (Mechanical)	7	HNC – Electrical Engineering	7	HND – Computer Aided Draughting and Design	8
		HNC – Electronics	7	HND – Mechatronics	8
		HNC – Engineering Practice	7	HND – Marine Electro-Technology	8
		HNC – Engineering Systems	7		
		HNC – Fabrication, Welding and Inspection	7		
		HNC – Manufacturing Engineering	7		
		HNC – Marine Engineering	7		
		HNC – Measurement and Control Engineering	7		



Business Development Team

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