

2305 New Zealand Certificate v1 in Energy and Chemical Operations (Plant and Machinery) L3

Name		Company	
Employee Number		Site	
Enrolment Date		Programme Duration	10 months

Qualification Requirements

You will be awarded this qualification once you have gained 60 credits. 50 credits come from the Compulsory section, and 10 credits from the Elective section.

Compulsory

The following unit standards are required.

Unit No.	Unit Title	Level	Credit	Selected
3032	Operate valves in an energy and chemical plant	4	10	10
3047	Interpret, use, and sketch process drawings for energy and chemical plant	3	5	5
4553	Operate equipment used in an energy and chemical plant	3	5	5
21452	Monitor routine energy and chemical plant operations	3	5	5
21459	Demonstrate knowledge of pipework and fittings used in an energy and chemical plant	2	5	5
21464	Demonstrate knowledge of basic thermodynamics relevant to the energy and chemical industry	3	5	5
21468	Demonstrate knowledge of energy and chemical plant pollutants and their control measures	3	5	5
21469	Identify, use and monitor safety equipment in an energy and chemical plant	3	5	5
28157	Demonstrate knowledge of common types of instrumentation used in the energy and chemical industry	3	5	5
Total			50	50

Elective

Choose either Set. At least 10 credits is required from one of the Sets.

Set A

Unit No.	Unit Title	Level	Credit	Selected
28284	Apply hazard management and risk assessment procedures used in an energy and chemical plant	3	10	
Set A Total				

Set B

Unit No.	Unit Title	Level	Credit	Selected
17602	Apply hazard identification and risk assessment procedures in the workplace	3	4	
18426	Demonstrate knowledge of hazards associated with confined spaces	3	4	
20645	Describe the requirements of the HSNO Act 1996 relevant to approved handlers	3	3	
21467	Store and handle workplace chemicals	3	8	
			Set B Total	

Credit Summary			Selected
		Total credits from Compulsory	50
		Total credits from Elective	
		Total Qualification Credits	60