

2307 New Zealand Certificate v1 in Energy and Chemical Field Operations L4 Process Plant Equipment strand - Chemical Plant context

Name		Company	
Employee Number		Site	
Enrolment Date		Programme Duration	16 months

Qualification Requirements

You will be awarded this qualification with the Process Plant Equipment strand – Chemical Plant context once you have gained 61 credits. 46 credits come from the Compulsory section and the remaining 15 credits from the Elective section.

Compulsory

The following unit standards are required.

Unit No.	Unit Title	Level	Credit	Selected
3058	Perform gas tests for energy and chemical plant	4	5	5
21455	Purge systems in an energy and chemical plant	4	10	10
21457	Isolate and reinstate a section of an energy and chemical plant	4	6	6
28158	Operate control systems in an energy and chemical plant	4	15	15
28283	Coordinate and monitor health and safety and risk assessment procedures used in an energy and chemical plant	4	10	10
Total			46	46

Elective

Choose 15 credits from the unit standards listed. Please note there are level 3 unit standards listed, however they will not be counted towards the sum of this qualification.

Unit No.	Unit Title	Level	Credit	Selected
3032	Operate valves in an energy and chemical plant	4	10	
3045	Operate solid handling systems in an energy and chemical plant	3	5	
3048	Operate product storage equipment in an energy and chemical plant	4	8	
3051	Operate heat exchange equipment in an energy and chemical plant	4	7	
3064	Control a chemical reaction in an energy and chemical plant	4	8	
9592	Evaluate performance of batch process and production equipment in a petrochemical workplace	3	7	
9607	Prepare chemicals for batch production in a petrochemical workplace	3	3	
17604	Operate primary treatment systems for effluent water in an energy and chemical plant	4	8	
17608	Operate sludge treatment systems for effluent water in an energy and chemical plant	4	8	
17610	Operate pre-treatment systems for effluent water in an energy and chemical plant	4	8	

17611	Operate biological treatment systems for effluent water in an energy and chemical plant	4	8	
21465	Operate pumps in an energy and chemical plant	4	8	
21466	Operate compressors in an energy and chemical plant	4	8	
28161	Demonstrate knowledge of unfired pressure equipment used in the energy and chemical industry	3	5	
			Elective Total	

Credit Summary		Selected
Total credits from Compulsory		46
Total credits from Elective		
Total Qualification Credits		