

APL Table

New Zealand Certificate in Electrical Equipment in Explosive Atmospheres (Level 4)

AUUOC		NZQF Unit Standard	Credits
UEENEEM019A Attend to breakdowns in hazardous areas - coal mining exp 2020	Any one of these AUS US will give the NZ US OR At least 1 of: UEEHA0031, UEEHA0032, UEEHA0033, UEEHA0034 UEEHA0039	17059 Attend to breakdowns in explosive atmospheres (CEA4002)	7
UEENEEM020A Attend to breakdowns in hazardous areas - gas atmospheres exp 2020			
UEENEEM021A Attend to breakdowns in hazardous areas - dust atmospheres exp 2020			
UEENEEM022A Attend to breakdowns in hazardous areas – pressurisation exp 2020			
UEENEEM023A Install explosion-protected equipment and wiring systems - coal mining exp 2020	Any one of these AUS US will give the NZ US OR UEEHA0005 superseded 2022 OR UEEHA0025	17056 Install explosion-protected equipment and associated equipment and wiring systems (CEA4002)	6
UEENEEM024A Install explosion-protected equipment and wiring systems – gas atmospheres exp 2020			
UEENEEM025A Install explosion-protected equipment and wiring systems – dust atmospheres exp 2020			
UEENEEM026A Install explosion-protected equipment and wiring systems - pressurisation exp 2020			
UEENEEM027A Maintain equipment in hazardous areas - coal mining	Any one of these AUS US will give the NZ US OR UEEHA0006 superseded 2022 OR UEEHA0026	17058 Maintain electrical equipment associated with explosive atmospheres (CEA4002)	6
UEENEEM028A Maintain equipment in hazardous areas - gas atmospheres exp 2020			
UEENEEM029A Maintain equipment in hazardous areas - dust atmospheres exp 2020			
UEENEEM030A Maintain equipment in hazardous areas - pressurisation exp 2020			
UEENEEM038A Conduct testing of hazardous areas installations - coal mining exp 2020	Any one of these AUS US will give the NZ US OR At least 1 of: UEEHA0031, UEEHA0032, UEEHA0033, UEEHA0034 UEEHA0039	17073 Conduct testing of electrical apparatus in explosive atmospheres installations (CEA4002)	4
UEENEEM039A Conduct testing of hazardous areas installations - gas atmospheres exp 2020			
UEENEEM040A Conduct testing of hazardous areas installations - dust atmospheres exp 2020			
UEENEEM041A Conduct testing of hazardous areas installations - pressurisation exp 2020			

UEENEEM042A Conduct visual inspection of hazardous areas installations exp 2020 or UEEHA0002 - Conduct visual and close inspection of electrical installations for hazardous areas superseded 2022 UEEHA0038 - Conduct visual and close inspection of electrical installations for hazardous areas - current	equals	17074 Conduct visual and close inspection of electrical installation for explosive atmospheres (CEA4001)	3
UEENEEM080A Report on the integrity of explosion-protected equipment in a hazardous area exp 2020 UEENEEE024C - Compile and produce an electrotechnology report UEENEEE124A - Compile and produce an energy sector detailed report superseded 2020 UEECD0010 - Compile and produce an energy sector detailed report - current	equals	17054 Report on the integrity of explosion-protected electrical apparatus in explosive atmospheres (CEA4001)	3
UEEHA0003 Determine the explosion-protection requirements to meet a specified classified hazardous area superseded 2022 UEEHA0022 - Determine the explosion-protection requirements to meet a specified classified hazardous area - current	equals	30069 Determine the explosion-protection requirements specified for classified explosive atmospheres (CEA4001)	5
UEEHA0004 Enter a classified hazardous area to undertake work related to electrical equipment - current	equals	30068 Enter classified explosive atmosphere areas to undertake work (CEA4002)	2
NA		26741 Demonstrate underpinning knowledge of gas detection equipment in explosive atmospheres (CEA4001 opt)	
NZ Unit Standards			
17054	All of these NZ USs will give both of the NZ USs	26739 and 26740	5
17059			
17074			5
17058			

Qualification details

UEE42622 - Certificate IV in Hazardous areas - Electrical (Release 1) Summary

Usage recommendation: **Current**

Mapping:

Mapping	Notes	Date
Supersedes UEE42620 - Certificate IV in Hazardous areas - Electrical		23/Oct/2022

Code	Title	Usage	Essential
UEEHA0020- Conduct detailed inspection of electrical installations for hazardous areas	Conduct detailed inspection of electrical installations for hazardous areas	Current	Elective
UEEHA0033- Supervise repair and overhaul of explosion-protected equipment type intrinsically safe (Ex i)	Supervise repair and overhaul of explosion-protected equipment type intrinsically safe (Ex i)	Current	Elective
UEEHA0035- Supervise repair and overhaul of explosion-protected rotating machines	Supervise repair and overhaul of explosion-protected rotating machines	Current	Elective
UEECO0017- Source and purchase material/parts for installation or service jobs	Source and purchase material/parts for installation or service jobs	Current	Elective
UEEHA0024- Inspect, maintain and fit plugs/couplers for reeling, trailing and flexible cables - coal mining	Inspect, maintain and fit plugs/couplers for reeling, trailing and flexible cables - coal mining	Current	Elective
UEEHA0025- Install explosion-protected equipment and associated apparatus and wiring systems	Install explosion-protected equipment and associated apparatus and wiring systems	Current	Elective
UEEHA0030- Repair reeling, trailing and flexible cables used in coal mining	Repair reeling, trailing and flexible cables used in coal mining	Current	Elective
UEEHA0029- Plan electrical installations for hazardous areas	Plan electrical installations for hazardous areas	Current	Elective

<u>Code</u>	<u>Title</u>	<u>Usage</u>	<u>Essential</u>
ICTICT214- Operate application software packages	Operate application software packages	Current	Elective
UEEHA0026- Maintain equipment associated with hazardous areas	Maintain equipment associated with hazardous areas	Current	Elective

<u>Code</u>	<u>Title</u>	<u>Usage</u>	<u>Essential</u>
UEEHA0022- Determine the explosion-protection requirements to meet a specified classified hazardous area	Determine the explosion-protection requirements to meet a specified classified hazardous area	Current	Core
UEECD0027- Participate in development and follow a personal competency development plan	Participate in development and follow a personal competency development plan	Current	Core
UEEHA0023- Develop and manage periodic electrical inspection and maintenance programs for hazardous areas	Develop and manage periodic electrical inspection and maintenance programs for hazardous areas	Current	Elective
UEEHA0038- Conduct visual and close inspection of electrical installations for hazardous areas	Conduct visual and close inspection of electrical installations for hazardous areas	Current	Elective
UEECD0035- Provide basic instruction in the use of electrotechnology apparatus	Provide basic instruction in the use of electrotechnology apparatus	Current	Elective
UEECD0050- Use and maintain the integrity of a portable gas detection device	Use and maintain the integrity of a portable gas detection device	Current	Elective
UEECO0015- Provide quotations for installation or service jobs	Provide quotations for installation or service jobs	Current	Elective
UEEHA0039- Supervise repair and overhaul of explosion-protected equipment type Group III ('t')	Supervise repair and overhaul of explosion-protected equipment type Group III ('t')	Current	Elective
UEEHA0027- Manage continuous supervision inspection of electrical installations for hazardous areas	Manage continuous supervision inspection of electrical installations for hazardous areas	Current	Elective

Code	Title	Usage	Essential
UEEHA0036- Test reeling, trailing and flexible cables and their attachments used in coal mining	Test reeling, trailing and flexible cables and their attachments used in coal mining	Current	Elective
UEECD0010- Compile and produce an energy sector detailed report	Compile and produce an energy sector detailed report	Current	Core
UEECO0002- Maintain documentation	Maintain documentation	Current	Elective
BSBOPS203- Deliver a service to customers	Deliver a service to customers	Current	Elective
UEEHA0037- Verify compliance of repaired reeling, trailing and flexible cables and attachments - coal mining	Verify compliance of repaired reeling, trailing and flexible cables and attachments - coal mining	Current	Elective
UEECD0024- Implement and monitor energy sector WHS policies and procedures	Implement and monitor energy sector WHS policies and procedures	Current	Core
UEEHA0032- Supervise repair and overhaul of explosion-protected equipment type increased safety (Ex e)	Supervise repair and overhaul of explosion-protected equipment type increased safety (Ex e)	Current	Elective
UEECD0011- Comply with scheduled and preventative maintenance program processes	Comply with scheduled and preventative maintenance program processes	Current	Elective
UEEHA0031- Supervise repair and overhaul of explosion-protected equipment type flameproof (Ex d)	Supervise repair and overhaul of explosion-protected equipment type flameproof (Ex d)	Current	Elective
UEEHA0034- Supervise repair and overhaul of explosion-protected equipment type pressurised (Ex p)	Supervise repair and overhaul of explosion-protected equipment type pressurised (Ex p)	Current	Elective
UEEHA0004- Enter a classified hazardous area to undertake work related to electrical equipment	Enter a classified hazardous area to undertake work related to electrical equipment	Current	Core

UEERE0015- Implement and monitor energy sector environmental and sustainable policies and procedures	Implement and monitor energy sector environmental and sustainable policies and procedures	Current	Core
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Scheme	Code	Classification value
ANZSCO Identifier	341111	Electrician (General)
ASCED Qualification/Course Field of Education Identifier	0313	Electrical And Electronic Engineering And Technology
Qualification/Course Level of Education Identifier	511	Certificate IV
Taxonomy - Industry Sector	N/A	Electrotechnology
Taxonomy - Occupation	N/A	Electrician (Hazardous Areas)