National Certificate in Electricity Supply (Line Mechanic Distribution)

level of qualification: 3

credit total: 51

Purpose and content of the National Certificate

Purpose:

This National Certificate focuses on the operation of electricity network lines, plant, and equipment, and forms the first part of a pathway for trainees who seek to become Distribution Line Mechanics in the electricity supply industry.

Content:

Compulsory unit standards

forest operations

		level	credit
6916	Demonstrate knowledge of the Approved Code of Practice relating to chainsaw use	2	5

non-commercial forestry skills

6917	Operate a chainsaw	3	5

core skills

18027	Draw sketches and interpret electricity supply service plans	2	4
18272	Operate power-operated elevating work platforms (EWP) in a electricity supply environment	3	5
18273	Demonstrate knowledge of the sources, origin, basic composition, and properties of electricity	2	5
23897	Demonstrate knowledge of power transformer theory for electricity supply	2	3
23898	Carry out polarity and phasing on LV electricity networks	3	2

distribution networks

10510	Use machinery, plant and equipment in an electricity network environment	4	6
10549	Load, transport and store electricity supply cables, plant and equipment	3	4
18031	Measure and prune trees around electricity lines for vegetation control to minimum approach distance	4	8

occupational health and safety practice

17602	Apply hazard identification and risk assessment procedures in the workplace	3	4

		level	credit
Optional electives			
temporary traffic management			
5627	Operate as a Traffic Controller (TC) for low volume and Level 1 roads	3	4
civil infrastructure health, safety, and environment			
20877	Demonstrate knowledge of working safely at sites under temporary traffic management	2	1
specialist driving knowledge and skills			
17976	Demonstrate knowledge of operating a light four wheel drive (4WD) vehicle in an off-road environment	3	4
17977	Develop a plan for off-road light four wheel drive (4WD) driving	4	5
17978	Develop a plan for off-road light four wheel drive (4WD) driving	3	4