

LEVEL 4 LINE MECHANIC DISTRIBUTION



NEW ZEALAND CERTIFICATE IN ELECTRICITY SUPPLY LINE MECHANIC DISTRIBUTION

NZQA Ref: 2197-190 credits

THE NEW PATHWAY TO PROFESSIONAL REGISTRATION AS A LINE MECHANIC

This new qualification is now a mandatory requirement for registration as a line mechanic with the Electrical Workers Registration Board (EWRB).

It includes all of the required competencies for line mechanics working in the distribution sector.

ABOUT THIS QUALIFICATION IMPORTANT CHANGES

This new qualification replaces the National Certificate in Electricity Supply (Line Mechanic Distribution) – Level 4 (NZQA Ref: 0874).

Unit standards previously covered in the Level 2 Introductory certificate are embedded into this qualification.

It also includes unit standards for Capstone professional practice.

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WHO IS THIS QUALIFICATION FOR?

This is an intermediate level qualification. It is suitable for line mechanics working in the distribution sector of the Electricity Supply Industry, installing, maintaining and replacing electricity distribution network equipment.

On successful completion of the qualification, graduates will be able to work safely to industry standards, taking responsibility for their own work and that of others.

WHERE CAN IT TAKE YOU?

In addition to working as registered line mechanic, graduates of this qualification may undertake additional training and qualifications to progress to positions such as:

- **Line mechanic (live work glove and barrier up to 33kV)**
- **Line mechanic (live work stick up to 66kV)**
- **Electrical engineer**
- **Distribution faultman**
- **Electrician**
- **Electrical fitter**
- **Distribution network field switcher**

With additional training, there may also be opportunities to progress to positions including:

- **Substation maintainer**
- **Electrician**

BENEFITS OF THIS QUALIFICATION

FOR YOU

- Provides a pathway to professional registration as a line mechanic
- Formal recognition of your skills and knowledge
- Earn while you learn
- Improved career prospects and earning potential
- Opportunity to diversify into other roles in the Electricity Supply Industry

FOR YOUR EMPLOYER

- Meets registration requirements with Electrical Workers Registration Board (EWRB)
- Improved health and safety records
- Ensures your employees have the right skills for the job
- Reduced supervision requirements
- Provides a career advancement path for your employees

FURTHER INFORMATION

WANT TO ENROL OR FIND OUT MORE? CONTACT US AND WE'LL PUT YOU IN TOUCH WITH YOUR LOCAL CUSTOMER SERVICE ACCOUNT MANAGER

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LINE MECHANIC

HOW IS THE QUALIFICATION ACHIEVED?

This qualification will take around 24 months to complete. It is achieved through a blend of on-job learning and off-job courses, which are run by accredited Training Providers. Please talk to your Connexis Customer Service Account Manager for more information about off-job options.

WHICH SKILLS DOES IT COVER?

Developed with industry, for industry, this qualification represents best practice. It covers skills and knowledge including:

- **Applying industry standards and procedures to line mechanic work**
- **Theory, codes, legislation and industry procedures for the electricity distribution network**
- **Communication**
- **Health and safety**

It also includes Capstone unit standards, which meet all the requirements for EWRB registration as a distribution line mechanic. These cover:

- **Applying and removing earths from conductors on electricity supply networks**
- **Demonstrating the requirements for holding access permits for work on high voltage electrical lines, cables, and equipment.**
- **Knowledge of polarity and phasing in LV and HV electricity network**
- **Knowledge of electricity supply networks**
- **Using test instruments and carrying out electrical testing**
- **Knowledge of electrical circuit protection for distribution networks**
- **Knowledge of electrical cost consumption**
- **Planning, installing and testing a commission on an electric line on a network**
- **Carrying out a rescue from an electricity structure**
- **Using drawings, sketches, schedules and specifications**