



LEVEL

3

50 CREDITS



NATIONAL CERTIFICATE IN

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**Civil Construction Works  
(Horizontal Directional Drilling)**



**InfraTrain  
New Zealand**



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Developed in partnership with the  
horizontal directional drilling industry

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## A QUALIFICATION FOR HORIZONTAL DIRECTIONAL DRILLING

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Horizontal Directional Drilling has developed as an important trenchless technique for installation of new underground utilities, such as water, wastewater, energy and communications. The advantages of Horizontal Directional Drilling are widely recognised for work in built-up or environmentally sensitive environments, where excavation is not possible or would cause major disruption.

InfraTrain provides recognition of the specialist skills and knowledge required for this work, with a national qualification that can be gained on the job.

The qualification has been developed in partnership with the trenchless industry and covers driller, tracker and site supervisor roles. It also incorporates health, safety and environmental compliance requirements.

InfraTrain's qualifications are subsidised and there is no need for a student loan because learning is done on the job. There is the added advantage that qualifications can be gained anywhere in the country and can be started at any time during the year.



## NATIONAL CERTIFICATE IN CIVIL CONSTRUCTION WORKS (HORIZONTAL DIRECTIONAL DRILLING)

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This qualification is for people working in Horizontal Directional Drilling (HDD) operations and recognises the skills and knowledge of a Driller, Tracker and Site Supervisor, depending on the strand taken.

The qualification comprises core compulsory and elective unit standards, plus an elective strand.

The core compulsory units cover:

- Preparation for HDD operations and site restoration
- Bore exit and pipe entry tasks
- Strike avoidance and strike response
- Health, safety and environment requirements

The core elective section provides a wide choice of units which can be selected to suit job requirements and these cover:

- First Aid
- Civil plant operation and management
- Civil construction works
- Civil construction supervision
- Health, safety and environment
- Temporary traffic management

The qualification is completed with one of the following elective strands:

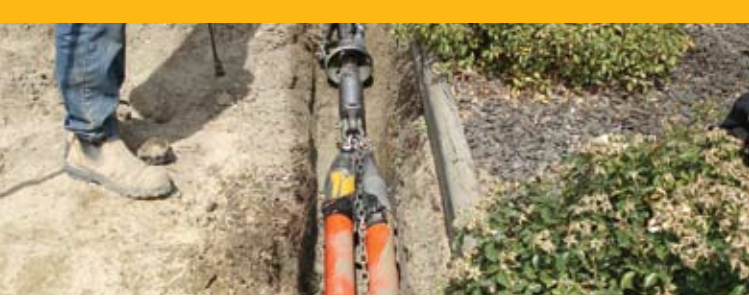
- Driller strand
- Tracker strand
- Site Supervisor strand

It is strongly recommended that trainees selecting the Site Supervisor strand have experience as a Tracker and a good understanding of the role of a Driller.

The qualification may follow on from the *National Certificate in Civil Infrastructure (General Introductory Skills)* Level 2. People who complete the Site Supervisor strand may wish to progress to the *National Certificate in Civil Construction Supervision* Level 4 and/or the *National Certificate in Civil Plant Management* Level 4.

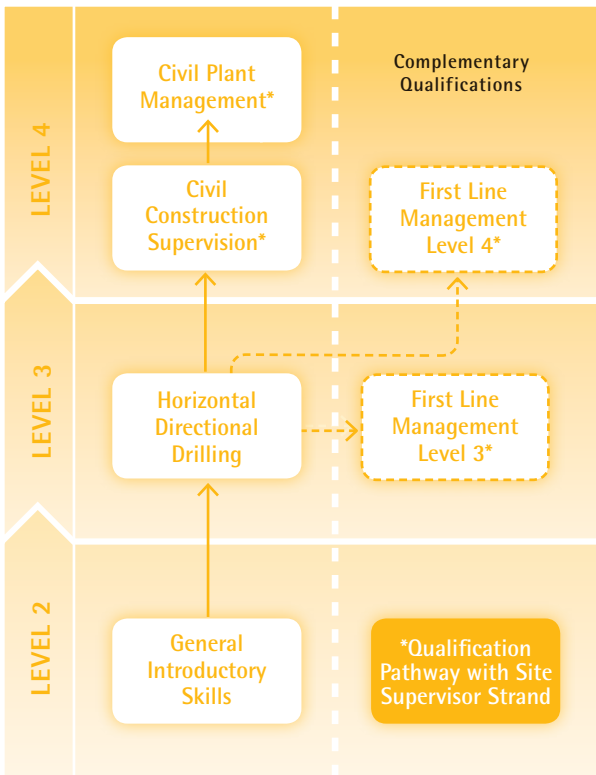
The qualification can also be complemented by the *National Certificate in Business (First Line Management)* Level 3 and/or the *National Certificate in Business (First Line Management)* Level 4.

[See over for enrolment information.](#)



## QUALIFICATION PATHWAY

The *National Certificate in Civil Construction Works (Horizontal Directional Drilling)* is designed to be stand-alone – there are no prerequisite qualifications. However, the qualification is structured to provide a pathway with other InfraTrain civil infrastructure qualifications, as shown in the diagram. It can also be complemented by First Line Management qualifications.





## INDUSTRY RECOGNISED

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InfraTrain has developed this qualification in conjunction with the trenchless industry to meet the requirement for an up-to-date national certificate which is relevant to the industry's needs.

Industry technical experts have provided advice on the unit standards and the structure of the qualification. They have also assisted with development of assessment materials and a learning resource to help trainees complete the qualification.

*"I am pleased to have been involved with InfraTrain in the development of this qualification and to have been able to provide industry knowledge to ensure it represents best practice. As clients become more demanding the industry needs to show it is professional. This qualification provides individuals with the training and a recognised qualification to meet these demands."*

**Greg Parkin**

DIRECTOR, UNDERGROUND CONNECTIONS LTD

*"This new qualification benefits all of the industry; the individuals, their employers and infrastructure owners, by providing a means of specifying, developing and assessing the specialist knowledge required for this type of work. The qualification provides a pathway for a career in the civil construction industry by supporting trainees and fostering development, while recognising those skills that have already been gained. I would recommend that individuals already involved in HDD, or those looking to become involved, and their employers support this valuable industry qualification."*

**Steve Apeldoorn**

DIRECTOR, PROJECTMAX LIMITED

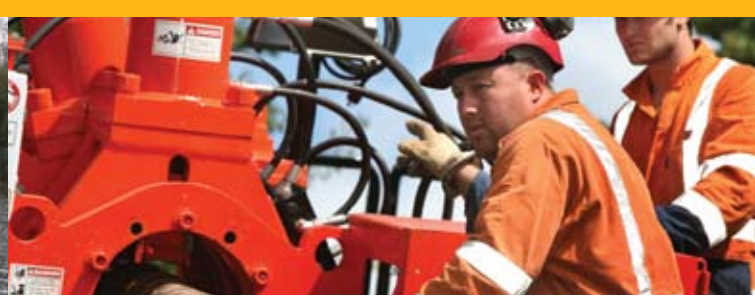
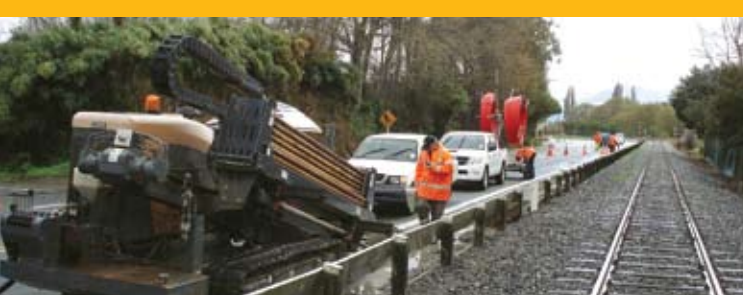
NZ COUNCILLOR, AUSTRALASIAN SOCIETY FOR TRENCHLESS TECHNOLOGY



## BENEFITS FOR EMPLOYERS

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- Nationally recognised qualification
- Qualification developed in partnership with industry
- On-job training – no classrooms
- Subsidised qualification
- Support and guidance available from InfraTrain
- Covers Health and Safety requirements
- Reduced supervision required
- Increased productivity
- Reduced plant operation and maintenance costs
- Improved tender attributes
- Improved staff retention and company growth



## ENROLMENT INFORMATION

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### ENTRY REQUIREMENTS

Entry is open with no prerequisites.

### HOW IS THE QUALIFICATION COMPLETED?

The Horizontal Directional Drilling qualification is completed through the recognition of relevant work skills and knowledge, as these are gained on the job. The trainee collects evidence of these skills and knowledge in a workbook, for verification and assessment against unit standards by an approved assessor.

The workbooks are provided by InfraTrain and explain what needs to be achieved to complete the qualification.

The following people play a key role in achieving a qualification on the job:

### MENTOR

It is recommended that a mentor is assigned to the trainee. The mentor's role is to provide support and guidance. They may be a colleague, supervisor or manager.

### VERIFIER

A verifier is a person with industry experience who is appointed by the employer. The verifier's role is to observe and confirm the required tasks have been completed to a satisfactory industry standard and the candidate is ready to be assessed.

### ASSESSOR

The assessor is registered by InfraTrain and is assigned to the trainee after enrolment. The assessor's role is to assess work, which has been completed and verified, against the unit standards.

### HOW LONG WILL IT TAKE?

The indicative completion time of the qualification is 12 months.

### COST

The following costs apply:

**Enrolment Fee** – \$60 plus GST.

This is payable the first time a trainee is enrolled with InfraTrain. It is a one-off fee and covers enrolment in all future training with InfraTrain New Zealand Limited.

### Subscription Fee

Monthly \$50 plus GST or Annual \$600 plus GST.

If paid monthly, the Subscription Fee is payable for a minimum of 12 months. These fees do not include the cost of assessment which is determined with the assessor.

### HOW TO ENROL

To enrol in this qualification, call 0800 486 626 to arrange for an InfraTrain regional advisor to complete a Training Plan and Training Agreement.

The Training Plan can be viewed on [www.infratrain.co.nz](http://www.infratrain.co.nz), under the Qualifications section.



## TALK TO US

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If you would like more information on the Horizontal Directional Drilling qualification or would like to enrol in the qualification, please contact us.

**0800 486 626**  
or email [askus@infratrain.co.nz](mailto:askus@infratrain.co.nz)

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