

# Southland Digger School

## Certificate in Civil Plant Operation (Introductory)

---

### Programme Information Sheet

<b>Programme name:</b>	Certificate in Civil Plant Operation (Introductory)
<b>Purpose:</b>	This programme will provide participants with a broad range of skills and knowledge to enable them to gain employment and thrive within the civil construction industry. Instruction includes the operation of heavy and light plant (machinery), laser levels, underground services, safety, sediment control and much more.
<b>Programme composition</b>	This full-time programme is 30 weeks in length, made up of an 18 week tutored phase followed by 12 weeks of work-based training in the civil construction industry.
<b>Programme content:</b>	The unit standards issued on this programme are listed on the reverse side of this sheet.
<b>2010 Programme dates:</b>	<b>1<sup>st</sup> Intake</b> Starts: Monday, 8 <sup>th</sup> February 2010 Ends: Friday, 3 <sup>rd</sup> September 2010  <b>2<sup>nd</sup> Intake</b> Starts: Monday, 5 <sup>th</sup> July 2010 Ends: Friday, 18 <sup>th</sup> February 2011
<b>Venue:</b>	<b>Theory:</b> Southern Aggregates Quarry, Oreti <b>Practical:</b> Digger School, Oreti Beach, Invercargill
<b>Times</b>	8.30am – 4.00pm, Monday - Friday

Tai Poutini Polytechnic – Digger School  
**Certificate in Civil Plant Operation (Introductory)**

Unit No	Unit Standard Description	Level	Credits	Version
<b>CPO100</b>	Apply environmental management to a civil construction site	3	12	1
<b>CPO103</b>	Construct Kerb & Channel (Preparation)	2	6	2
<b>P-17310</b>	Operate a hydraulic excavator under supervision	2	20	1
<b>P-17309</b>	Operate a wheeled loader under supervision	2	20	1
<b>497</b>	Protect Health and Safety in the Workplace	1	3	7
<b>6400</b>	Manage First Aid	3	2	3
<b>6401</b>	Provide First Aid	2	1	3
<b>6402</b>	Provide resuscitation Level 2	1	1	3
<b>6452</b>	Maintain, transport and store roadwork signs for civil construction site	2	3	4
<b>6453</b>	Demonstrate knowledge of Civil Construction works	2	3	3
<b>6457</b>	Use generator and compressor for Civil Construction	2	2	3
<b>6467</b>	Operate a plate-compact on Civil Construction materials	2	4	3
<b>6469</b>	Maintain small plant & equipment on Civil Construction Works	1	2	3
<b>6470</b>	Operate a handheld pavement breaker	2	4	3
<b>6472</b>	Carry out manual excavation for civil construction works	1	2	3
<b>6475</b>	Maintain records for Civil work	2	2	3
<b>6476</b>	Read and interpret Civil Construction plans	2	2	4
<b>6477</b>	Hand spread materials	1	3	3
<b>6480</b>	Assist with survey and set-out on Civil Construction works	1	3	3
<b>16701</b>	Demonstrate knowledge and skills for driving on a road for endorsement W (wheels)	3	3	2
<b>16702</b>	Demonstrate knowledge and skills for driving on a road for endorsement R (Rollers)	3	3	2
<b>16703</b>	Demonstrate knowledge and skills for driving on a road for endorsement T (tracks)	3	3	2
<b>17327</b>	Communicate on Civil Construction sites	2	3	1
<b>17501</b>	Demonstrate knowledge of foundation and subgrade on Civil Construction works	3	5	1
<b>20867</b>	Respond to fire incidents at a civil infrastructure worksite.	3	4	1
<b>20873</b>	Describe protection of Health & safety and Environment in the civil infrastructure industry	2	5	1
<b>20875</b>	Demonstrate knowledge of slinging, lifting, and placing with an excavator or loader	3	5	1
<b>22281</b>	Operate an excavator for facing and benching	3	5	1
<b>24089</b>	Demonstrate knowledge of driving hours law and complete driving hours logbook	3	5	1

Note: Other non unit standard topics and skills are also taught on this programme

---

Optional additional qualification for students with correct driver licence status  
 Includes 1 unit covered in Certificate in Civil Plant Operation (Introductory)

Unit No	Short Award in Driver Education	Level	Credits	Version
<b>24089</b>	Demonstrate knowledge of driving hours law and complete driving hours logbook	3	5	1
<b>3483</b>	Fill in a form	1	4	4
<b>17574</b>	Operate a rigid vehicle to meet the requirements for a full Class 2 driver licence	3	7	4
<b>15158</b>	Carry out pre-drive vehicle checks on a heavy motor vehicle, start it up, and shut it down	2	4	3

Tai Poutini Polytechnic – Digger School  
**Certificate in Civil Plant Operation (Introductory)**