

APPRENTICESHIP INFORMATION - Brick & Block Laying

National Certificates		
NC in Bricklaying NC in Refractory Installation		
Qualification information		
Bricklaying - Level 4 Credit 204 Refractory - Level 3 Credit 84		
Term of Apprenticeship		
Brick and Block Laying	8000 hrs	
Refractory Installation	8000 hrs	
Costs		
The following are the approximate costs for an apprenticeship as at 1st January 2010 – please note all costs are GST inclusive		
Brick & Block Laying		
Industry Contribution fee	\$	297.00 per annum
Apprentice Training Record Book	\$	69.30
NZQA Credit fee	\$	1.55
Block Course (per course)	\$	433.12
Off Job Training – Block Courses		
Three block courses are required over the term of the apprenticeship. Each block course runs for three weeks Block courses are at an accredited training provider - WELTEC in Wellington		
Employment Agreement suggestions		
<p><i>Wages/Salary</i></p> <p>Apprentice Wages are subject to negotiation between the Employer and the apprentice, or their nominees. The wage rate should provide recognition of age and any pre-trade experience gained. The employment agreement should also address:</p> <ul style="list-style-type: none"> • Increments for service • Increments for achievement • Payment for 'off job' training • Re-imburement for course fees - providing a satisfactory achievement level is reported by the training provider • Loading for overtime work • Method and frequency of payment 	<p><i>Payment of Training Fees</i></p> <p>Payment of fees should be addressed with other negotiations entered into at the time the Employment Agreement is being finalised i.e whether the Employer will pay the fees or the apprentice. The Creative Trades ITO Advisory Groups suggest options such as: small deduction from wages to cover the fees throughout the apprenticeship, perhaps reimbursing the apprentice on successful completion, an upfront payment by the apprentice, payment of all fees by Employer, payment of course fees by apprentice with reimbursement on a pass. While the above are suggestions it is recommended that the payment of training fees be incorporated into the Employment Agreement.</p>	<p><i>Disputes and term of apprenticeship</i></p> <p>Any dispute between an Employer and an apprentice over whether the apprentice has satisfactorily demonstrated competence in the skills of the industry shall be determined by the ITO, which may appoint an independent assessor for the purpose of assessing an apprentice's competence. Where a prospective apprentice has served time in a related occupation or previous apprenticeship or has completed an industry approved pre-trade course, application may be made to the ITO to amend the term of apprenticeship.</p> <p>All statutory holidays to which the apprentice is entitled shall be counted towards the term of apprenticeship. Any time an apprentice is absent from the workplace, except for attendance at prescribed courses, shall be added to the term of apprenticeship and made up by the apprentice.</p> <p>Actual hours of overtime worked by an apprentice shall be counted towards the term of apprenticeship.</p>
Travel subsidy		
This payment of up to 80% is made to those apprentices who are required to travel between the North and South Island to attend a course. For those apprentices who are eligible for the subsidy an application form will be sent to the Employer at the appropriate time.		

Unit Standards	
Brick & Block Laying	
NC in Bricklaying NC in Refractory Installation	
Stage 1 Block Course	
Unit No.	Content of Unit
62	Maintain personal presentation in the workplace
497	Demonstrate knowledge of workplace health and safety requirements
2543	Carry out safe working practices in workplaces
2549	Measure and calculate
2550	Use hand tools
6079	Build a straight brick wall with return corner
6088	Build straight block wall with return corner
12889	Lay brick sills (may need to be moved to a stage 2)
12891	Lay soldier course
21796	Mix masonry mortars
21797	Construct a masonry cavity veneer wall with lintel
24153	Demonstrate knowledge of masonry materials
24154	Demonstrate knowledge of environmental requirements for the masonry industry
24157	Demonstrate knowledge of New Zealand standards that apply to the masonry industry
Stage 2 Block Course	
Unit No	Content of Unit
2549	Measure and calculate
6090	Fill masonry using grout
12027	Fix reinforcing steel for concrete construction
12890	Lay bricks on edge
12893	Build decorative brick bonded panel with return
12894	Build convex and concave curves on brick walls
13039	Safely use and maintain portable power tools and attachments for construction work on site
21211	Demonstrate knowledge of the principles of, and the methods used in waterproofing buildings
21798	Build a block wall and lintel with reinforcing steel
22607	Read and interpret plans, working drawings and specifications for BCATS projects
24155	Mitre masonry corners
24156	Mitre masonry sills
24158	Demonstrate knowledge of two storey veneer construction
Stage 3 Block Course	
Unit No	Content of Unit
2549	Measure and calculate
6080	Build curved brick wall
6083	Construct multi centred and gauged brick arches
6085	Build fire back
6089	Build curved block wall
12895	Lay clay or concrete brick, clay or concrete paving units and natural stone
13016* (elective)	Demonstrate knowledge of timber and metal scaffolds up to five metres
24159* (elective)	Demonstrate knowledge of masonry work practices
24353* (elective)	Demonstrate knowledge of and create sketches and drawings for BCATS projects
Refractory	
24353	Demonstrate knowledge of and create sketches and drawings for BCATS projects
13016	Demonstrate knowledge of timber and metal scaffolds up to five metres
21211	Demonstrate knowledge of weatherproofing methods used in buildings
2543	Carry out safe working practices in workplaces
2549	Measure and calculate
6092	Demonstrate knowledge of refractories
6093	Build a straight brick refractory wall including anchored walls and corners
6094	Build a curved brick refractory installation
6095	Install plastic monolithic refractories and ramming mixes
6096	Install refractory gunning mixes
6097	Install castable refractories
6098	Install acid resistant refractory linings
6099	Install man-made refractory mineral fibres