

Career Pathway in the Timber Structure Industry

ALSO KNOWN AS THE FRAME & TRUSS INDUSTRY




FTMA
NEW ZEALAND

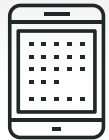
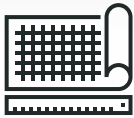
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The work role pathways listed here are not exhaustive or exclusive. They are ones most closely aligned to three core BCITO qualifications:

- NEW ZEALAND CERTIFICATE IN TIMBER STRUCTURE MANUFACTURE.
- NEW ZEALAND DIPLOMA IN TIMBER STRUCTURE DETAILING.
- NEW ZEALAND CERTIFICATE IN CONSTRUCTION TRADES SUPERVISION.

Within frame and truss manufacturers and similar off-site manufacturing operations, specific qualifications may open up additional opportunities such as:

- Customer sales support.
- Account management.
- Purchasing.
- Administration.
- General management.

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		LEVEL 3	LEVEL 4	LEVEL 5
	General Hand: This role would perform various manual labour tasks to support the overall fabrication process, including material handling, forklift driving and assisting skilled tradespeople. They might load and unload materials, perform workplace housekeeping or assist with other general tasks. Someone for this role should be physically fit, able to read and write in English and willing to follow instructions closely.	General Hand – Timber Structure Manufacturer / Timber Structure Detailer		
	Timber Structure Manufacturer: This role covers those involved in the manufacturing of timber frames, trusses and potentially other structural assemblies for buildings. This includes cutting, assembling, and ensuring the quality of these structural components. It also involves the use of machinery and hand tools, work in a manufacturing facility, and potentially assisting with on-site installation or re-work for more complex projects. 	Learner/Apprentice Timber Structure Manufacturer NZ Certificate in Timber Structure Manufacture		
	Timber Structure Estimator: The primary purpose of this role is to determine the cost of producing goods or services. An estimator gathers information about materials, labour, and production methods to create detailed cost estimates (as a basis for quoting), helping with decision-making about feasibility, pricing, and resource allocation. They also analyse existing data, monitor budgets, and maintain material and labour cost databases.	Timber Structure Estimator (to be developed)		
	Timber Structure Detailer: This is someone who prepares detailed plans and layout drawings for wall frames, roof trusses and potentially other structural assemblies, ensuring efficient manufacturing and construction. This involves interpreting architectural plans, applying construction knowledge, and using specialist design software to generate 3D virtual models of the required structural components (trusses and/or frames and/or flooring cassettes) which inform the cutting lists, production details and product documentation for compliance. They also ensure the finished products meet Building Code, quality standards and specific client requirements as applicable. 	Technician Timber Structure Detailer NZ Diploma in Timber Structure Detailing		
	Manufacturing Supervisor: This role oversees and directs the activities of a production team to ensure that products are manufactured in a timely manner for the clients, efficiently regarding materials, equipment and labour use, safely, and to the required quality and statutory standards. They manage staff, coordinate manufacturing schedules, maintain equipment, and enforce safety regulations while aiming to achieve production goals. 	Timber Structure Manufacturing Supervisor NZ Certificate in Construction Trades Supervision with a strand in Manufacturing		



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