

NEW ZEALAND SHIP, YACHT, AND BOAT BUILDING INDUSTRY —AMENDMENT OF APPRENTICESHIP ORDER.

In the Court of Arbitration of New Zealand—In the matter of the Apprentices Act 1948; and in the matter of the New Zealand Ship, Yacht, and Boat Building Industry Apprenticeship Order, dated the 16th day of December 1966, and recorded in 66 Book of Awards 2954.

Whereas by section 13 (2) of the Apprentices Act 1948, the Court is empowered to amend any apprenticeship order: and whereas application has been made to the Court by the New Zealand Shipwrighting, Boat Building and Coopering Apprenticeship Committee for amendment of the New Zealand Ship, Yacht, and Boat Building Industry Apprenticeship Order, dated the 16th day of December 1966, and recorded in 66 Book of Awards 2954: and whereas the Court has considered the recommendations made to it by the said Committee: now, therefore, the Court, in pursuance and exercise of the powers vested in it by the said Act, doth hereby order as follows:

1. That the said apprenticeship order shall be amended in the manner following:

(1) By deleting clause 1 and substituting therefor the following clause:

“1. Industry to which order applies — The industry to which this order shall apply is that included in the following branches:

- (1) Shipbuilding and repairing;
- (2) Ship joinery;
- (3) Yacht and boatbuilding and repairing in one of the following branches —
 - (a) Plastic and fibreglass,
 - (b) Wooden,
 - (c) Ferro-concrete,
 - (d) Steel
 - (e) Aluminium.

(all hereinafter referred to as, and included in, the term ‘the industry’).”

- (2) By inserting the words “indentured or time served” before the word “journeymen” where it first appears in subclause (a) of clause 11 (Wages).
- (3) By deleting from the Schedule to the order the operations and skills for Yacht and Boat Building and Repairing and substituting therefor the following:

“2. YACHT AND BOAT BUILDING AND REPAIRING

In one of the following branches:

- (1) Plastic and Fibreglass —
 - (a) A thorough knowledge of gelcoat and resins, materials and reinforcing used in this class of boatbuilding with safety procedure involved.
 - (b) Laying up of fibreglass boats both in lay and gun application.
 - (c) The design of all reinforcing members in fibreglass boats.
 - (d) Assembly, fitting engines, spraying, hatches, cabin tops, wind-screens, etc., in both of either wooden or fibreglass boats.
 - (e) Welding and brazing of boat fittings.
 - (f) Making of patterns for castings.
 - (g) The design, lofting and making of plugs and moulds, for not less than 1,000 hours of the total contract term, (but time involved in polishing of moulds to be additional).
 - (h) A sound training in the sharpening, use and care of working tools.

(i) General knowledge of ship joinery.

In addition to the above mandatory operations and skills, an employer may also teach the following:

- (i) Fitting engine beds and auxiliary beds, lining up of beds, and lining up of rudders and steering gear, fitting windlasses and anchor gear, capstans, hawsers, and spurling pipes.
- (ii) Caulking, cotton and oakum, setting up of ways for launching, insulating work on cold chambers, crew and passenger accommodation fittings.
- (iii) Slipping and unslipping.

(2) Wooden —

- (a) Care and maintenance of tools, use of tools, shop work (including machining), general knowledge of ship joinery.
- (b) Setting down of boat, laying of keel, setting up frames, laying down in mould loft, making templates for all deck fittings and iron work.
- (c) Boatbuilding and knowledge of boat construction from keel to truck in any one of the following:
 - (i) Diagonal planking.
 - (ii) Edge planking.
 - (iii) Fore and aft carvel.
 - (iv) Clinker.
 - (v) Plywood for boats not less than 25ft overall length.

In addition to the above mandatory operations and skills the employer may also teach the following:

- (i) Oxy-acetylene and electric arc welding so far as is necessary for the purpose of making tack welds in the course of boat or ship building, or so far as is necessary for simple cutting operations in the course of boat or ship repair work.
- (ii) Fitting engine beds and auxiliary beds, lining up of beds and lining up of rudders and steering gear, fitting windlasses and anchor gear, capstans, hawsers, and spurling pipes.
- (iii) Caulking, cotton and oakum, setting up of ways for launching, insulating work on cold chambers, crew and passenger accommodation fittings.
- (iv) Slipping and unslipping.

(3) Ferro-concrete —

- (a) Care and maintenance of tools, use of tools, shop work (including machining). General knowledge of ship joinery.
- (b) Setting down of boat, laying of keel, setting up of frames and the tack welding and fairing of same; laying down in mould loft, making templates for all deck fittings and iron work.
- (c) The fitting of all hull fittings, ports, scuppers, engine intakes, domestic outlets, and other appurtenances.
- (d) All deck fixtures and woodwork or work in material other than in wood.

In addition to the above mandatory operations and skills the employer may also teach the following:

- (ii) Fitting engine beds and auxiliary beds, lining up of beds and lining up of rudders and steering gear, fitting windlasses and anchor gear, capstans, hawsers and spurling pipes.

- (ii) Caulking, cotton and oakum, setting up of ways for launching, insulating work on cold chambers, crew and passenger accommodation fittings.

- (iii) Slipping and unslipping.

(4) Steel —

- (a) Setting out of structural members for hull and deck houses.
- (b) Marking out of hull fittings and deck fixtures, aligning of spurling pipes, rudders and ports. Bollards beltings, and gallows, deck houses and other fittings.
- (c) Complete knowledge of plans and blue prints.
- (d) Laying out of boat plans on floor and taking off moulds and templates.
- (e) Oxy-acetylene and electric arc welding so far as is necessary for the purpose of making tack welds in the course of boat or ship building or so far as is necessary for simple cutting operations in the course of boat or ship repair work.
- (f) General knowledge of ship joinery.

In addition to the above mandatory operations and skills, the employer may also teach the following:

- (i) Fitting engine beds and auxiliary beds, lining up of beds and lining up of rudders and steering gear, fitting windlasses and anchor gear, capstans, hawsers, and spurling pipes.
- (ii) Caulking, cotton and oakum, setting up of ways for launching, insulating work on cold chambers, crew and passenger accommodation fittings.
- (iii) Slipping and unslipping.

(5) Aluminium —

- (a) Care and maintenance of tools.
- (b) Shop work, machining. General knowledge of ship and yacht joinery in wood and aluminium.
- (c) Setting down of yacht and boats on loft floor.
- (d) Laying of keel. Setting up of frames. Reading of plans.
- (e) Making of templates for all deck fittings. Plates and plating developing ship and boat fixtures.
- (f) Knowledge of yacht and boat construction from keel to truck.
- (g) Aluminium electric welding throughout the building of vessels, yachts and boats.
- (h) The bending and making of all plates. Shaping of aluminium after trimming to the construction and repair of yachts and boats. Making of masts and spars.

In addition to the above mandatory operations and skills the employer may also teach the following:

- (i) Fitting engine beds and auxiliary beds, lining up of beds, and lining up of rudders and steering gear, fitting windlasses and anchor gear, capstans, hawsers, and spurling pipes.
- (ii) Caulking, cotton and oakum, setting up of ways for launching, insulating work on cold chambers, crew and passenger accommodation fittings.
- (iii) Slipping and unslipping."

2. That this order shall operate and take effect from the day of the date hereof.

Dated this 18th day of August 1970.

A. P. BLAIR, Judge.