

Fields Engineering and Technology and Manufacturing

Review of Boating Industries and Motor Industry unit standards

Subfield	Domain	ID
Boating Industries	Boatbuilding	9927, 9931, 9941, 9943, 9945, 9947, 9948, 10843, 11776, 11777, 11780, 11783, 11784, 11785, 11792, 11793, 11796, 11797
Boating Industries	Marine Sales and Services	9913, 9914, 9919, 11747, 11748, 11749, 11750, 11751, 11752, 11753, 11754, 11755, 11756, 11757, 11758, 11759, 11760, 11761, 11762, 11763, 11765, 11766, 11767, 11768, 11769
Motor Industry	Trailer Boat Systems	23935, 23936

The NZ Marine and Composite Industry Training Organisation (NZMAC ITO) has completed the review of the unit standards listed above.

Date new versions published

September 2020

Summary

NZMAC ITO carried out a review of these unit standards. Industry and subject matter experts provided feedback to all these unit standards, and were recommended to expire and will not be replaced as it is no longer fit for purpose.

Category D unit standards will expire at the end of December 2022

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Boating Industries > Boatbuilding

ID	Title	Level	Credit	Review Category
9927	Carry out the repair, restoration, and structural alteration of wooden boats	4	20	D
9931	Overlay boat decks with teak	4	15	D
9941	Carry out the repair, restoration, and structural alteration of fibre-reinforced composite boats	4	20	D
9942	Construct internal and external boat joinery in fibre-reinforced composites (FRC)	4	15	D
9943	Carry out repair, restoration, and structural alteration of aluminium boats	4	20	D
9945	Assemble metal components for joining in production boatbuilding under supervision	3	8	D
9947	Determine method of construction for metal boatbuilding	7	15	D
9948	Carry out the repair, restoration, and structural alteration of steel boats	4	20	D

ID	Title	Level	Credit	Review Category
10843	Mark out full sized boat components from loftings and computer generated mylars	3	2	D
11776	Manage maintenance, repair, and reconditioning contracts for inboard power plants and trains	5	4	D
11777	Install production inboard engine packages in boats	3	6	D
11780	Determine repair requirements for inboard power plants and power trains	4	6	D
11783	Maintain, repair, and recondition inboard engine systems	4	40	D
11784	Select marine power plant and power train components	6	15	D
11785	Specify marine surface coating systems to meet customer's requirements	5	50	D
11792	Apply clear marine surface coats	4	10	D
11793	Mark and prepare fair lines for the application of marine graphics	4	6	D
11796	Maintain and repair marine electronic systems and equipment	5	20	D
11797	Maintain and repair marine electrical systems and equipment	5	20	D

Boating Industries > Marine Sales and Services

ID	Title	Level	Credit	Review Category
9913	Demonstrate knowledge of the New Zealand marine and composite industry	3	5	D
9914	Demonstrate knowledge required to install, repair, and maintain systems in boats	4	4	D
9919	Launch and retrieve boats using mechanical lifting gear	4	5	D
11747	Identify defects in fibreglass boats	6	6	D
11748	Identify defects in metal boats	6	6	D
11749	Identify defects in inflatable boats	6	6	D
11750	Survey boat construction	6	4	D
11751	Match customer's requirements for marine products with manufacturer's specifications	4	18	D
11752	Identify marine safety and survival equipment to meet customer's and regulatory requirements	4	20	D
11753	Establish a presence in the boat sales and brokerage market and build a client base	4	3	D
11754	Qualify boat vendors and enter into agency agreements	4	2	D
11755	Assess the value of pleasure power boats	5	6	D
11756	Assess the value of pleasure sail boats	5	6	D
11757	Assess the value of charter boats, commercial boats, and their operations	5	8	D
11758	Attract prospective purchasers for specific boats	5	8	D
11759	Qualify and advise prospective purchasers of pleasure power boats	4	8	D
11760	Qualify and advise prospective purchasers of pleasure sail boats	4	8	D
11761	Qualify and advise prospective purchasers of charter boats and commercial boats	4	10	D
11762	Provide information to purchasers regarding the availability of finance and insurance	3	4	D

ID	Title	Level	Credit	Review Category
11763	Execute the sale of boats	5	14	D
11765	Explain principles of law and ethics applying to boat brokerage and the sale of boats on behalf of owners	3	5	D
11766	Explain principles of law and ethics applying to the sale of boats from stock	3	5	D
11767	Prepare descriptive reports of pleasure power boats	3	6	D
11768	Prepare descriptive reports of pleasure sail boats	3	6	D
11769	Prepare descriptive reports of charter boats and commercial boats	3	6	D

Motor Industry> Trailer Boat System

ID	Title	Level	Credit	Review Category
23935	Demonstrate knowledge of glass reinforced plastic (GRP and its repair methods for trailer boat hulls	3	2	D
23936	Carry out basic glass reinforced plastic (GRP) repairs to a trailer boat hull	4	3	D