

## MARINE FITTER (ENDORSEMENT ON BOILERMAKER COFQ WITH RED SEAL ENDORSEMENT OR METAL FABRICATOR COFQ)

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### Occupation Description

Marine Fitters work in the Shipbuilding and Repair Industry to cut and fit metal plates and other components in the process of assembling, constructing and repairing large vessels.

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Program Outline, available on ITA's website.

Marine Fitter is an endorsement on either the Metal Fabricator (Fitter) Certificate of Qualification or Boilermaker Red Seal Endorsement. For more information about Metal Fabricator (Fitter) or Boilermaker, please refer to the trade pages, available on the ITA website.

### Pathways to Certification

In BC, an individual who is already a certified Metal Fabricator (Fitter) or Boilermaker can obtain a Marine Fitter Endorsement by completing the Marine Fitter program or by challenging the certification.

Apprenticeship programs are for individuals who have an employer to sponsor them and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

### Prerequisite Credential

The following credential is **required** prior to enrolment in the technical training for this occupation. It will be verified by the training provider upon enrolment.

- Boilermaker Certificate of Qualification with Red Seal Endorsement  
OR
- Metal Fabricator (Fitter) Certificate of Qualification

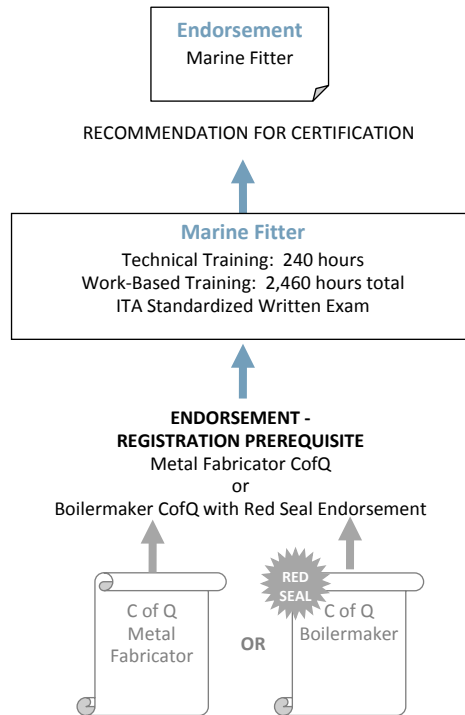
### ITA Registration

Individuals who wish to begin an apprenticeship in this program must register with ITA along with their sponsors. Application forms for all programs are available from the ITA website. Online registration is also available for most programs through the ITA website.

Those who wish to challenge the Marine Fitter Endorsement must complete the Marine Fitter Endorsement Challenge Application and submit it to ITA. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.

**Marine Fitter Post Certification Pathway**

This graphic provides an overview of the Marine Fitter post certification endorsement.



**CROSS-PROGRAM CREDITS**

*Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program*

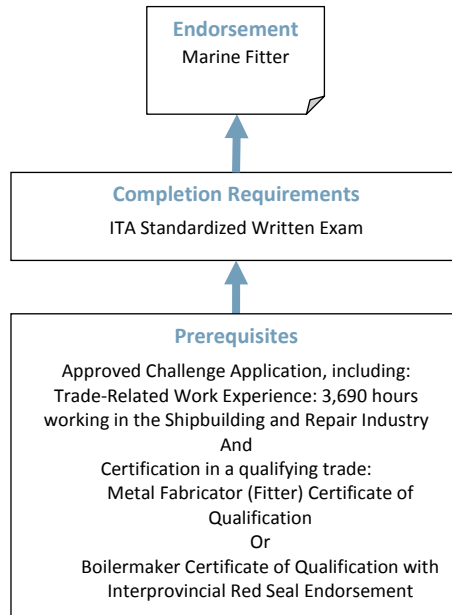
None

**Marine Fitter Endorsement Program Standards**

<b>Credentials Awarded</b>	<ul style="list-style-type: none"> <li>▪ A Marine Fitter Endorsement will be awarded and included on the individual's original Boilermaker or Metal Fabricator (Fitter) Certificate of Qualification</li> </ul>										
<b>ITA Registration Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Agreement signed by the employer to sponsor the apprentice</li> <li>▪ Certification in a qualifying trade:               <ul style="list-style-type: none"> <li>○ Boilermaker Certificate of Qualification with Red Seal Endorsement</li> <li>Or</li> <li>○ Metal Fabricator Certificate of Qualification</li> </ul> </li> </ul>										
<b>Completion Requirements</b>	<p>Certification as a Marine Fitter is awarded upon successful completion of:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Requirement</th> <th style="text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>Technical Training</td> <td>Minimum 70% in technical training:               <ul style="list-style-type: none"> <li>▪ 240 hours</li> </ul> </td> </tr> <tr> <td>ITA Standardized Written Exam</td> <td> <ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul> </td> </tr> <tr> <td>Work-Based Training</td> <td> <ul style="list-style-type: none"> <li>▪ 2,460 hours</li> </ul> </td> </tr> <tr> <td>Recommendation for Certification</td> <td> <ul style="list-style-type: none"> <li>▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority</li> </ul> </td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	Technical Training	Minimum 70% in technical training: <ul style="list-style-type: none"> <li>▪ 240 hours</li> </ul>	ITA Standardized Written Exam	<ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul>	Work-Based Training	<ul style="list-style-type: none"> <li>▪ 2,460 hours</li> </ul>	Recommendation for Certification	<ul style="list-style-type: none"> <li>▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority</li> </ul>
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<b>Program Duration</b>	<p>Duration varies depending on how training is delivered, but the program generally takes two years to complete.</p> <p>The technical training requirement is typically met through block-release training (full-time, at school) delivered by an ITA-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge where these options are available.</p>										
<b>Sign-off Authority</b>	<p>Credentials eligible to sign-off on the Recommendation for Certification:</p> <ul style="list-style-type: none"> <li>▪ Marine Fitter Endorsement</li> <li>▪ ITA-issued letter authorizing supervision and sign-off of apprentices in this occupation</li> </ul>										
<b>Challenging a Level</b>	<p>The following levels of technical training can be challenged for advanced placement in this program:</p> <ul style="list-style-type: none"> <li>▪ None</li> </ul>										
<b>Cross-Program Credits</b>	<p>Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program</p> <ul style="list-style-type: none"> <li>▪ None</li> </ul>										

### Marine Fitter Endorsement Post Certification Challenge Pathway

This graphic provides an overview of the Marine Fitter challenge pathway.



**Challenge Program Standards – Marine Fitter Endorsement**

Credentials Awarded	<ul style="list-style-type: none"> <li>▪ A Marine Fitter Endorsement will be awarded and included on the individual's original Boilermaker or Metal Fabricator (Fitter) Certificate of Qualification</li> </ul>					
Registration Prerequisites	<p>An approved Challenge Application, which includes:</p> <ul style="list-style-type: none"> <li>▪ 3,690 documented hours of directly related experience working in the Shipbuilding and Repair Industry</li> </ul> <p>And</p> <ul style="list-style-type: none"> <li>▪ Certification in a qualifying trade:               <ul style="list-style-type: none"> <li>○ Boilermaker Certificate of Qualification with Red Seal Endorsement</li> <li>Or</li> <li>○ Metal Fabricator Certificate of Qualification</li> </ul> </li> </ul>					
Credit for Prior Learning	<p>Individuals who hold the credentials listed below are considered to have met, or partially met, the prerequisites for challenging this program:</p> <ul style="list-style-type: none"> <li>▪ None</li> </ul>					
Completion Requirements	<p>A Marine Fitter Endorsement is awarded upon successful completion of:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Requirement</th> <th style="text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>ITA Standardized Written Exam</td> <td> <ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul> </td> </tr> </tbody> </table>		Requirement	Level of Achievement Required	ITA Standardized Written Exam	<ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul>
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**Supporting Documents**

Marine Fitter Program Outline (2017) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from ITA's website.

**Contacts**

The **Industry Training Authority (ITA)** manages B.C.'s industry training and apprenticeship programs. Contact ITA Customer Service if you have any questions regarding registration, examinations or certification for this program.

Telephone:	778-328-8700	Fax:	778-328-8701
Toll Free (within BC):	1-866-660-6011	Email:	<a href="mailto:customerservice@itabc.ca">customerservice@itabc.ca</a>
Website:	<a href="http://www.itabc.ca">www.itabc.ca</a>		

**Revision History**

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved: December 2011  
 Updated: April 2017  
 November 2017  
 March 2018

Program Profiles are updated regularly. Visit [www.itabc.ca](http://www.itabc.ca) for the most current version.