

MULTI-PROCESS ALLOY WELDING (MPAW) (ENDORSEMENT ON WELDER COFQ WITH RED SEAL ENDORSEMENT)

Occupation Description

“Red Seal Welder with Multi-Process Alloy Welding Endorsement” means a person who has advanced training, skills and abilities to weld all materials, including specialized alloys, by any manual welding process, in any position, and other such work as is usually done by a Red Seal Welder with Multi-Process Alloy Welding (MPAW) Endorsement.

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

Welder Multi-Process Alloy Welding (MPAW) is an endorsement on the Welder Red Seal Endorsement. For more information about Welder, please refer to the trade page, available on the ITA website.

Pathways to Certification

In BC, an individual who is already a certified Welder can obtain a Multi-Process Alloy Welding (MPAW) Endorsement by completing the Multi-Process Alloy Welding (MPAW) 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.

- Welder Certificate of Qualification with Red Seal Endorsement

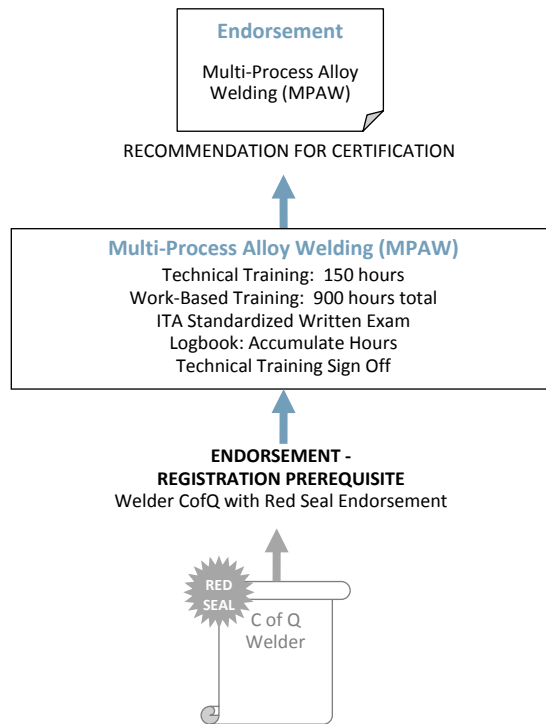
ITA Registration

Individuals who wish to begin an apprenticeship in this program must register with ITA along with their sponsor. 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 Multi-Process Alloy Welding (MPAW) Endorsement must complete the Multi-Process Alloy Welding (MPAW) 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.

Multi-Process Alloy Welding (MPAW) Post Certification Pathway

This graphic provides an overview of the Multi-Process Alloy Welding (MPAW) 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

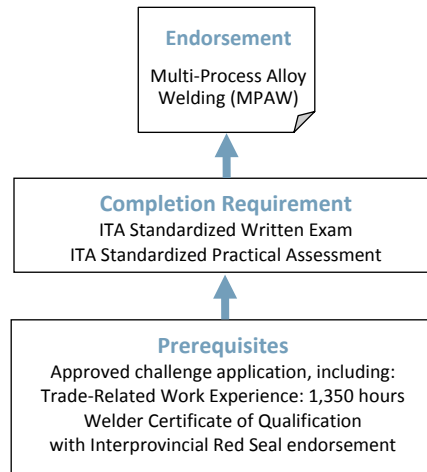
None

Multi-Process Alloy Welding (MPAW) Endorsement Program Standards

<p>Credentials Awarded</p>	<ul style="list-style-type: none"> ▪ A Multi-Process Alloy Welding (MPAW) Endorsement will be awarded and included on the individual's original Welder Certificate of Qualification with Red Seal Endorsement 												
<p>ITA Registration Pre-requisites</p>	<ul style="list-style-type: none"> ▪ Agreement signed by the employer to sponsor the apprentice ▪ Red Seal certification in a qualifying trade <ul style="list-style-type: none"> ○ Welder Or ○ Welder B 												
<p>Completion Requirements</p>	<p>Certification as a Multi-Process Alloy Welding is awarded upon successful completion of:</p> <table border="1" data-bbox="527 737 1520 1129"> <thead> <tr> <th data-bbox="527 737 917 772">Requirement</th> <th data-bbox="917 737 1520 772">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td data-bbox="527 789 917 825">Technical Training</td> <td data-bbox="917 789 1520 863"> Minimum 70% in technical training: <ul style="list-style-type: none"> ▪ 150 hours </td> </tr> <tr> <td data-bbox="527 873 917 909">ITA Standardized Written Exam</td> <td data-bbox="917 873 1520 909"> <ul style="list-style-type: none"> ▪ Minimum 70% </td> </tr> <tr> <td data-bbox="527 919 917 955">Work-Based Training</td> <td data-bbox="917 919 1520 955"> <ul style="list-style-type: none"> ▪ 900 hours </td> </tr> <tr> <td data-bbox="527 966 917 1073">Recommendation for Certification</td> <td data-bbox="917 966 1520 1073"> <ul style="list-style-type: none"> ▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority </td> </tr> <tr> <td data-bbox="527 1083 917 1119">Welder Logbook</td> <td data-bbox="917 1083 1520 1119"> <ul style="list-style-type: none"> ▪ Signoff on required competencies and hours </td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	Technical Training	Minimum 70% in technical training: <ul style="list-style-type: none"> ▪ 150 hours 	ITA Standardized Written Exam	<ul style="list-style-type: none"> ▪ Minimum 70% 	Work-Based Training	<ul style="list-style-type: none"> ▪ 900 hours 	Recommendation for Certification	<ul style="list-style-type: none"> ▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority 	Welder Logbook	<ul style="list-style-type: none"> ▪ Signoff on required competencies and hours
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<p>Program Duration</p>	<p>Duration varies depending on how training is delivered, but the program generally takes one year 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>												
<p>Sign-off Authority</p>	<p>Credentials eligible to sign-off on the Recommendation for Certification:</p> <ul style="list-style-type: none"> ▪ BC Welder A – Certificate of Qualification with Interprovincial Red Seal endorsement ▪ BC Welder – Certificate of Qualification with Interprovincial Red Seal endorsement and Multi-Process Alloy Welding (MPAW) endorsement 												
<p>Challenging a Level</p>	<p>The following levels of technical training can be challenged for advanced placement in this program:</p> <ul style="list-style-type: none"> ▪ None 												
<p>Cross-Program Credits</p>	<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"> ▪ None 												

Multi-Process Alloy Welding (MPAW) Endorsement Post Certification Challenge Pathway

This graphic provides an overview of the Multi-Process Alloy Welding (MPAW) Endorsement challenge pathway.





Challenge Program Standards – Multi-Process Alloy Welding (MPAW) Endorsement

Credentials Awarded

- A Multi-Process Alloy Welding (MPAW) Endorsement will be awarded and included on the individual's original Welder Certificate of Qualification with Red Seal Endorsement

ITA Registration Prerequisites

- An approved Challenge Application, which includes:
- 1,350 documented hours of directly related experience working in the occupation
 - Red Seal certification in a qualifying trade
 - Welder
 - Or
 - Welder B

Credit for Prior Learning

Individuals who hold the credentials listed below are considered to have met, or partially met, the prerequisites for challenging this program:

- None

Completion Requirements

A Multi-Process Alloy Welding (MPAW) Endorsement will be awarded upon successful completion of:

Requirement

Level of Achievement Required

ITA Standardized Written Exam

- Minimum 70%

ITA Standardized Practical Assessment

- Declared Competent

Note: Successful completion of the ITA Standardized Written Exam is required before attempting the practical assessment



Supporting Documents

BC Welder Program Outline (2013) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the ITA website.

Welder National Occupational Analysis (2010) – Prepared by industry experts, under the guidance of the federal government, for Red Seal trades to define the national standard of competence for the trade. Available from the Red Seal website: www.red-seal.ca.

BC Welder Logbook – Documents all Welder modules, endorsements, employment records, Canadian Welding Bureau (CWB) and Technical Safety BC (TSBC) tickets. Issued to Welder apprentice by ITA-approved training provider; issued to Welder challenger by ITA.

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
Toll Free (within BC): 1-866-660-6011
Website: www.itabc.ca

Fax: 778-328-8701
email: customerservice@itabc.ca

Revision History

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

Program Approved: July 2012
Updated: October 2013
July 2015
November 2016
March 2018

Program Profiles are updated on a regular basis. Visit www.itabc.ca for the most current version.