

## **TOOL AND DIE MAKER**

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### **Occupation Description**

A Tool and Die Maker designs, constructs, tests and repairs production tools, cutting tools, jigs, fixtures, gauges and specialty hand tools by laying out, setting-up, machining, fitting and finishing using various metals, alloys and plastics. Tool and Die Makers produce tooling that is used to manufacture and stamp out parts, and supply tooling and dies for all manufacturing sectors.

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Tool and Die Maker Red Seal Occupational Standard, available on the Red Seal [website](#).

### **Pathways to Certification**

In BC, an individual can become certified as a Tool and Die Maker by challenging the certification. Challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

### **Prerequisites to Challenge**

The prerequisite to entering the challenge pathway is a Machinist Certificate of Qualification with Red Seal Endorsement and, Tool and Die Maker trade related work experience of 2700 hours that can be verified.

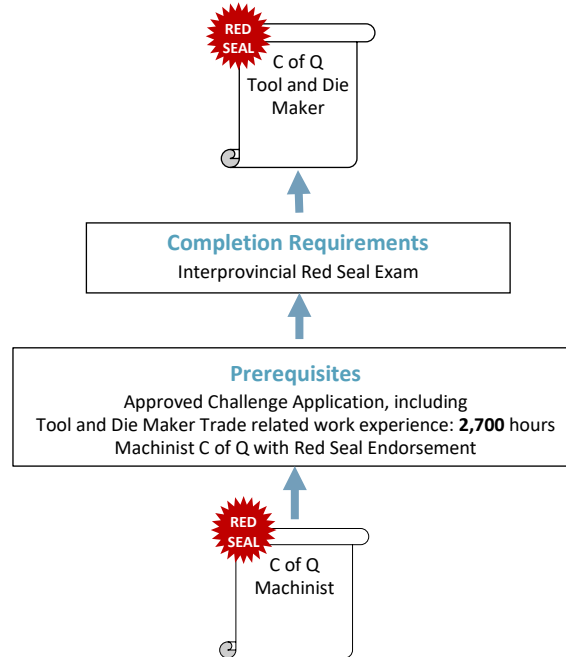
### **ITA Registration**

Those who wish to challenge the Tool and Die Maker certification must complete the Tool and Die Maker 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.

### Challenge Pathway

This graphic provides an overview of the Tool and Die Maker challenge pathway.

*C of Q = Certificate of Qualification*



**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**

### Challenge Program Standards

<b>Credentials Awarded</b>	Tool and Die Maker – Certificate of Qualification with Interprovincial Red Seal Endorsement	
<b>ITA Registration Prerequisites</b>	<ul style="list-style-type: none"> <li>An approved Challenge Application, which includes:               <ul style="list-style-type: none"> <li>2,700 documented hours of directly related experience working in the occupation</li> <li>Machinist Certificate of Qualification with Interprovincial Red Seal Endorsement</li> </ul> </li> </ul>	
<b>Credit for Prior Learning</b>	Individuals who hold the credentials listed below are considered to have met or partially met the prerequisites for challenging this program	
	<b>Credential</b>	<b>Credit(s) Granted</b>
	<ul style="list-style-type: none"> <li>None</li> </ul>	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Completion Requirements</b>	Certification as a Tool and Die Maker is awarded upon successful completion of:	
	<b>Requirement</b>	<b>Level of Achievement Required</b>
	Interprovincial Red Seal Exam	<ul style="list-style-type: none"> <li>Minimum 70%</li> </ul>



## Supporting Documents

[Tool and Die Maker](#) Occupational Standard for current exams – 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 on the Red Seal [website](#).

## Contacts

The **Industry Training Authority** (ITA) manages BC'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](http://www.itabc.ca)

Fax: 778-328-8701  
Email: [customerservice@itabc.ca](mailto:customerservice@itabc.ca)

## Revision History

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

Program Standards Approved: March 2002  
Updated: May 2006  
Updated: October 2010  
Updated: October 2016  
Updated: December 2018

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