

Work Experience Form - Trades Qualification **Tool and Die Maker**

*This completed Work Experience Form, Employer letter(s), Statutory Declaration, where applicable and appropriate fee must accompany a **Trades Qualification With Examination** application.*

A statement of work experience is a letter on company letterhead from your employer(s) covering your work experience during the last ten years and must include:

- *exact dates of employment and total hours worked;*
- *a description of all tasks completed with approximate percentage of time spent in each task area.*

Where it is not possible to obtain employer letters due to:

- *self employment,*
- *employer address is unknown, or*
- *cessation of employer's business*

Complete this Work Experience Form and a Statutory Declaration signed by a Notary Public. If you are self-employed, include your full company name, location and registration number.

- *All documents must be submitted in one of the two official languages.*

Fee Schedule

- To apply for an Interprovincial Certificate of Qualification "With Examination".....**\$250.00**
- To apply to take the practical examination for this trade.....**\$75.00**

*Non refundable fees are payable as a cheque or money order to the **Minister of Finance**. A \$20.00 service fee will be applied to all NSF cheques. You can also pay by credit card or in person by debit card.*

The following information is required in order to qualify for an Interprovincial Certificate of Qualification as a Tool and Die Maker through the process of **Trades Qualification With Examination**, and/or to challenge the Interprovincial Tool and Die Maker Examination. Please use additional paper if required.

Employer (Include Address)	Dates of Employment	Experience (Indicate # months)	Total # Hours

Note: *Additional information required on reverse side of page.*

Fees are collected under *The Apprenticeship and Trades Qualification Act* and its Regulations, and information is used to verify hours and place of employment. The information is protected by the provisions of the *Freedom of Information and Protection of Privacy Act*.

This personal information is being collected under the authority of the *Apprenticeship and Trades Qualifications – General Regulation* for the purposes of verifying the number of hours worked in the trade and place of employment. It will not be used or disclosed for other purposes, unless permitted by *The Freedom of Information and Protection of Privacy Act*.

Your personal information is protected by *The Freedom of Information and Protection of Privacy Act*. If you have any questions about the collection of personal information on this form, contact:

Apprenticeship Branch
 1010-401 York Avenue
 Winnipeg MB, R3C 0P8,
 (204) 945-3337 (Phone)
 1-877-978-7233 (Toll Free in Manitoba)
 (204) 948-2346 (Fax)

Work Experience Form

To qualify for a Certificate of Qualification with examination, in the **last ten years**, you must have worked a minimum of **5 years (a total of 9000 hours)** performing the following job tasks:

<p style="text-align: center;">Tool and Die Maker</p> <p><i>During the last ten years, what percentage of time have you spent performing the following tasks? Percentages must total 100%.</i></p>	<p style="text-align: center;">Percentage of time spent performing this task</p>
<p>• Bench Work and Die Development <i>Includes:</i> using hand and power tools; -fabricating, repairing and maintaining dies, jigs and fixtures, assembling components; -joining and coating materials using fasteners, adhesives and welding equipment -preparing and using moulding components; and -producing tools and assemblies and building prototypes.</p>	%
<p>• Planning, Preparing and Verification <i>Includes:</i> interpreting engineering drawings; -layout out and measuring workpieces; and -planning sequencing of operations.</p>	%
<p>• Milling Operations <i>Includes:</i> setting up and operating all types of milling machines.</p>	%
<p>• Grinding Operations <i>Includes:</i> setting up and operating all types of grinding machines.</p>	%
<p>• Lathe Operations <i>Includes:</i> setting up and operating all types of lathes.</p>	%
<p>• Drilling Machine Operations <i>Includes:</i> setting up and operating all types of drilling machines.</p>	%
<p>• Other Machine Processes <i>Includes:</i> setting up and operating all types of saws, boring machines and EDM's.</p>	%
<p>• NC and CNC Operations <i>Includes:</i> setting up and operating all types of NC and CNC machines.</p>	%
<p>• Metallurgy and Materials <i>Includes:</i> testing and heat treating materials.</p>	%
<p>• Other Tasks <i>Includes:</i> any other tasks that you may have been assigned. If applicable, please identify these tasks and give a percentage of time spent working on them.</p>	%
Total	100%

I verify that, to the best of my knowledge, the information I am submitting is true and accurate.

Name (please print): _____

Signature: _____ Date: _____

Apprenticeship

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Winnipeg MB R3C 0P8
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TOOL AND DIE MAKER INTERPROVINCIAL THEORETICAL EXAMINATION TABLE OF CONTENTS

SECTION	TITLE	QUESTIONS	TOTAL
1	Planning, Preparation and Verification	1 - 19	19
2	Drilling Machine Operations	20 - 25	6
3	Lathe Operations	26 - 33	8
4	Milling Operations	34 - 49	16
5	Sawing Operations	50 - 52	3
6	Grinding Operations	53 - 61	9
7	Numerical Control (NC)/Computer Numerical Control (CNC) Operations	62 - 69	8
8	Boring	70 - 72	3
9	Other Machining Processes	73 - 77	5
10	Bench Work and Die Development	78 - 128	51
11	Metallurgy and Materials	129 - 135	7
Total Questions			135

- ◆ A Diagram Booklet is used with this examination.
- ◆ This is a multiple-choice examination.
- ◆ Maximum time allowed for this examination is 3 hours.
- ◆ Passing standard is 70%.
- ◆ Table of Contents is subject to change without notice.