

# **PERSONAL RECORD BOOK**

**Glazier** 



# This is your Record Book!

### DO NOT SUBMIT TO THE ITA

This is not required to achieve certification

- It is a record of your progress towards achieving certification in the trade
- It provides a record of your experience
- It is your responsibility to keep it upto-date
- Take it with you if you change employers

Note: Employers and supervisors are not responsible for keeping your Record Book up-to-date. They are responsible for sign-off of hours and sign-off of competencies once you have achieved the required level of skills and knowledge.

### APPRENTICE IDENTIFICATION

#### **Trade: GLAZIER**

Legal First Name:		Legal Last Name:	
Suite Number:	Street Number and	Name:	
City:		Province:	Postal Code:
Telephone Number:		Email Address:	

### Work Safely!

A safe work attitude contributes to an accident free environment. Accident prevention and safe working conditions are the responsibility of both employers and employees.

Wear the required personal protective equipment, follow safe work practices and follow all safety regulations applicable to specific job activities.

#### Employer's responsibilities:

- Provide and maintain safety equipment and protective devices
- Ensure proper safe work clothing is worn
- Enforce safe work procedures
- Provide safeguards for machinery, equipment and tools
- Observe all accident prevention regulations
- Train employees in safe use and operation of equipment

#### Employee's responsibilities:

- Work in accordance with the safety regulations pertaining to job environment
- Work in such a way as not to endanger themselves or fellow workers.

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#### EMPLOYER INFORMATION

#### **Originating Employer**

Start Date:	End Date:
Employer:	
Contact Person:	
Address:	Phone:
	Email:
	Fax:
Supervisor/Journeyperson 1:	*TWID #:
	Phone:
	Email:
Supervisor/Journeyperson 2:	TWID #:
	Phone:
	Email:

\*TWID # - Trade Worker Identification Number

If you have more than one employer during your apprenticeship, record the information for subsequent employers on the following page(s).

If your job ends or you change employers...

Before leaving your place of employment:

- Update Workplace Hours through a <u>Work-Based Training Hours form</u> for the current reporting period and get signoff by your employer.
- Update Record of Competencies with your supervisor.
- Confirm with your employer that your workplace hours have been reported to ITA, and if possible get a copy of all Work-Based Training Hours reports submitted.
- Notify the ITA of the change in your employment by submitting an <u>Apprentice</u> and <u>Sponsor Registration form</u> with your new employer.

When re-employed...

You must be registered with your new employer before submitting any work-based training hours to the ITA.

**Subsequent Employers** 

Start Date:	End Date:
Employer:	
Contact Person:	
Address:	Phone:
	Email:
	Fax:
Supervisor/Journeyperson 1:	TWID #:
	Phone:
	Email:
Supervisor/Journeyperson 2:	TWID #:
	Phone:
	Email:

**Subsequent Employers** 

Start Date:	End Date:
Employer:	
Contact Person:	
Address:	Phone:
	Email:
	Fax:
Supervisor/Journeyperson 1:	TWID #:
	Phone:
	Email:
Supervisor/Journeyperson 2:	TWID #:
	Phone:
	Email:

### **WORKPLACE HOURS**

#### Instructions

Make an entry in this section each time your hours are reported to the ITA.

- 1. Get a copy of the Workplace Hours Report from your employer.
- 2. Fill in the dates of the <u>reporting period</u> and the <u>hours</u> reported.
- 3. Enter your employer name, address and phone number.
- 4. Keep your Record Book in a safe place.

#### Workplace Hours

**Workplace hours** must be submitted to the ITA by your employer on a regular basis. Your hours should be reported at least every six months; however, every three months is preferred.

At the beginning of your apprenticeship discuss the frequency of reporting with your employer.

Keeping Workplace hours up-to-date in your Record Book gives you the tools to better manage your apprenticeship. It provides you with the opportunity to:

- Follow up with your employer each reporting period to ensure your hours are reported on a regular basis.
- Discuss your progress with your direct supervisor/journeyperson on a regular basis.

DATE (TO-FROM)	<b>EMPLOYER</b>	HOURS
TOTAL HOURS		

### RECORD OF COMPETENCIES

#### Instructions

The Record of Competencies is filled out and signed-off by the journeyperson supervising your work.

- 1. Know what skills are expected at each level of the program.
- 2. Ask the journeyperson to sign off on the competency when you have acquired the skills and are able to perform the task without supervision.
- 3. If the journeyperson agrees that you have the required skills, he/she will:
  - Record the date that the competency was achieved
  - Sign off on the competency
  - Enter his/her Trades Worker Identification Number (TWID #)

#### What is a Record of Competencies?

The Record of Competencies lists all competencies you should be knowledgeable in prior to receiving your certification. Keeping this section up to date will allow you to track your progress towards certification and demonstrate proficiency in the skills within the scope of your trade. Completion of the entire program should result in you becoming a skilled and knowledgeable journeyperson.

- Refer to this section periodically to ensure you are getting the work experience you need.
- Use the competencies as a guide to ensure work tasks are assigned so that you acquire the skills and knowledge required to be successful in the trade.

Review the Record of Competencies on a regular basis with your direct supervisor/journeyperson to ensure they have been completed.

#### **Program Outline**

The Program Outline provides detailed information on the scope of knowledge and skills expected at each level of the program, further defining the competencies listed in the Record Book. The Program Outline is a great resource for developing a training plan.

Download from: <a href="https://www.itabc.ca/program/glazier">https://www.itabc.ca/program/glazier</a>

#### Apprenticeship Toolkit

For general information on apprenticeship and tips for navigating the apprenticeship system in BC visit ITA's website to learn about the *apprenticeship basics*.

# **IMPORTANT!**

**Download the Program Outline!** 

https://www.itabc.ca/program/glazier

Read the competency tables

Some competencies are taught in many levels

For detailed information about that competency, go to the Program Outline

### **THEORY**

LINE	A: USE SAFE WORK PRACTICES
	DESCRIBE WORKPLACE HAZARDS
	DESCRIBE EMERGENCY PROCEDURES
	DESCRIBE NON-EMERGENCY INJURY REPORTING PROCEDURES
	INTERPRET WORKSITE SAFETY POLICIES
	DESCRIBE THE PURPOSE OF THE GLOBAL HARMONIZED SYSTEM 2015 (GHS 2015) (WHMIS) REGULATIONS
	INTERPRET MATERIAL SAFETY DATA SHEETS (MSDS)
	INTERPRET GHS 2015 LABELS
	DESCRIBE PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS FO GLAZIERS
	IDENTIFY VARIOUS CLASSES OF FIRES
	DESCRIBE FIRE SAFETY PROCEDURES
	DESCRIBE FALL PROTECTION EQUIPMENT AND SYSTEMS
LINE	B: ORGANIZE WORK
	DESCRIBE ARCHITECTURAL, SHOP, AND FABRICATION DRAWINGS
	IDENTIFY ORGANIZATIONS RESPONSIBLE FOR CODES, REGULATIONS, AND STANDARDS
	DESCRIBE CODES, REGULATIONS, STANDARDS, AND ENGINEERING REQUIREMENTS
П	INTERPRET MANUEACTURER AND SUPPLIER DOCUMENTATION

	DESCRIBE INSPECTION OF THE WORKSITE
LINE	C: USE TOOLS AND EQUIPMENT
	DESCRIBE LAYOUT AND MEASURING EQUIPMENT DESCRIBE HOISTING, RIGGING, AND LIFTING PRINCIPLES AND EQUIPMENT
LINE	D: FABRICATE COMMERCIAL SYSTEMS
	DESCRIBE STOREFRONT PROFILES DESCRIBE FASTENER AND SCREW TYPES DESCRIBE DOORS AND PIVOT SYSTEMS DESCRIBE LAYOUT FOR FABRICATION OF COMMERCIAL WINDOW SYSTEMS DESCRIBE FABRICATION OF COMMERCIAL WINDOW SYSTEMS DESCRIBE COMPOSITION OF GLASS DESCRIBE THE TYPES OF GLASS DESCRIBE SPECIALTY TOOLS AND CUTTING EQUIPMENT
LINE	E: INSTALL COMMERCIAL SYSTEMS
	DESCRIBE COMMERCIAL STRIP WINDOW SYSTEM INSTALLATION DESCRIBE CURTAIN WALL INSTALLATION DESCRIBE PREPARATION OF MATERIALS FOR INSTALLATION DESCRIBE PROCEDURES FOR INSTALLING BUILDING ENVELOPE MEMBRANES DESCRIBE TYPES OF SEALANTS AND SHIMS
LINE	F: INSTALL RESIDENTIAL SYSTEMS
	DESCRIBE PREPARATION AND INSTALLATION FOR MIRRORS AND

# **PRACTICAL**

LINE	A: USE SAFE WORK PRACTICES
	MANAGE WORKPLACE HAZARDS  APPLY OCCUPATIONAL HEALTH AND SAFETY REGULATIONS APPLICABLE TO THE WORKPLACE  APPLY GHS 2015 REGULATIONS  USE PERSONAL PROTECTIVE EQUIPMENT  APPLY PREVENTATIVE FIRE SAFETY PRECAUTIONS  APPLY LEVEL 1 FIRST AID PRACTICES  USE FALL PROTECTION EQUIPMENT AND SYSTEMS
LINE	B: ORGANIZE WORK
	APPLY MATHEMATICAL PRINCIPLES TO SOLVE PROBLEMS PREPARE THE WORKSITE HANDLE AND STORE GLASS AND ALUMINUM MANUALLY USE EQUIPMENT TO MOVE GLASS, SEALED UNITS, AND ALUMINUM SHIP AND RECEIVE GLASS PRODUCTS AND ALUMINUM HANDLE AND STORE FLASHINGS MANUALLY COMMUNICATE WITH OTHERS TO LIFT, TRANSPORT AND INSTALL GLASS AND OTHER MATERIALS PARTICIPATE IN TOOLBOX MEETINGS COMMUNICATE WITH SUPERVISORS CONVEY POSSIBLE HAZARDS
LINE	C: USE TOOLS AND EQUIPMENT
	USE HAND TOOLS INSPECT AND MAINTAIN HAND TOOLS USE PORTABLE POWER TOOLS INSPECT AND MAINTAIN PORTABLE POWER TOOLS USE STATIONARY POWER TOOLS

	INSPECT AND MAINTAIN STATIONARY POWER TOOLS USE LAYOUT AND MEASURING EQUIPMENT MAINTAIN LAYOUT AND MEASURING EQUIPMENT USE LADDERS AND SCAFFOLDS TIE KNOTS, BENDS AND HITCHES OPERATE MOBILE ACCESS EQUIPMENT
LIN	E D: FABRICATE COMMERCIAL SYSTEMS
	FABRICATE BASIC STOREFRONT APPLY BASIC GLASS CUTTING PERFORM BASIC GLASS EDGE TREATMENT PROCEDURES
LIN	E E: INSTALL COMMERCIAL SYSTEMS
	INSTALL BASIC STOREFRONT PREPARE CURTAIN WALL GLAZE CURTAIN WALL FINISH CURTAIN WALL INSTALL BUILDING ENVELOPE MEMBRANES
Superv	isor Signature

NOTES FROM LEVEL 1
Note:

# **IMPORTANT!**

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https://www.itabc.ca/program/glazier

Read the competency tables

Some competencies are taught in many levels

For detailed information about that competency, go to the Program Outline

#### **THEORY**

LINE	B: ORGANIZE WORK
	IDENTIFY SYMBOLS AND ABBREVIATIONS INTERPRET SHOP AND FABRICATION DRAWINGS DESCRIBE DOOR AND WINDOW SCHEDULES
LINE	D: FABRICATE COMMERCIAL SYSTEMS
	DESCRIBE THE TYPES AND APPLICATIONS OF DIFFERENT COMMERCIAL ENTRANCE SYSTEMS  DESCRIBE THE PARTS REQUIRED FOR FABRICATING COMMERCIAL ENTRANCE SYSTEMS  DESCRIBE THE FABRICATION OF GUARDRAIL, HANDRAIL AND BALUSTRADE SYSTEMS  DESCRIBE AND INSTALL SEALED UNITS
LINE	E: INSTALL COMMERCIAL SYSTEMS
0 000	DESCRIBE LAYOUT AND INSTALLATION OF GUARDRAIL, HANDRAIL, AND BALUSTRADE SYSTEMS DESCRIBE TYPES OF FLASHING DESCRIBE SHEAR AND BREAK FLASHING DESCRIBE THE PURPOSE OF FLASHING
Ш	DESCRIBE INSTALLATION CONSIDERATIONS

H	DESCRIBE MIXING PROCEDURES
Ш	DESCRIBE SEALING METHODS
LINE	F: INSTALL RESIDENTIAL SYSTEMS
	DESCRIBE REPLACING BROKEN GLASS
	DESCRIBE UPGRADING EXISTING WINDOWS
LINIE	COLINGTALL CRECIALTY OF ACC AND PROPRIETS
LINE	G: INSTALL SPECIALTY GLASS AND PRODUCTS
	DESCRIBE APPLICATIONS OF SPECIALTY GLASS AND PRODUCTS
	DESCRIBE SPECIALTY PRODUCT MATERIALS
LINIE	THE OFFICE OF A ZINIO OVOTEMO
LINE	H: SERVICE GLAZING SYSTEMS
	DESCRIBE SERVICING BROKEN AND FAILED GLASS
	DESCRIBE SERVICING DOORS AND HARDWARE
	DESCRIBE SERVICING DAMAGED FRAMING COMPONENTS

# **PRACTICAL**

LINE	B: ORGANIZE WORK
	USE A DRAWING TO PREPARE A MATERIAL LIST SOLVE GEOMETRIC PROBLEMS SOLVE PROBLEMS USING TRIGONOMETRY USE MATH TO OPTIMIZE MATERIALS FOR SPECIFIC FRAMING
LINE	D: FABRICATE COMMERCIAL SYSTEMS
	FABRICATE DOOR FRAME AND SIDELITES PREPARE FRAME FOR CLOSERS, BUTT HINGES, AND HARDWARE PERFORM ROUTERING AND LOCK CUT-OUTS FABRICATE JIGS FABRICATE HEADERS FOR CONCEALED OVERHEAD CLOSERS INSTALL PANIC HARDWARE LAYOUT FOR FABRICATION OF COMMERCIAL WINDOW SYSTEMS FABRICATE COMMERCIAL WINDOW SYSTEMS FABRICATE CURTAIN WALLS FABRICATE ENTRANCE SYSTEMS CUT DIFFERENT TYPES OF GLASS USE SPECIALTY TOOLS AND CUTTING EQUIPMENT PERFORM EDGE TREATMENT PROCEDURES
LINE	E: INSTALL COMMERCIAL SYSTEMS
000000	INSTALL DOOR AND SIDELITE FRAMING INSTALL DOOR AND GLAZING PERFORM DOOR ADJUSTMENT FINISH FRAME LAYOUT COMMERCIAL WINDOW SYSTEMS FOR INSTALLATION INSTALL COMMERCIAL WINDOW SYSTEMS

	INSTALL CURTAIN WALLS GLAZE CURTAIN WALLS INSTALL FLASHING APPLY CAULKING AND SEALANTS
LINE	F: INSTALL RESIDENTIAL SYSTEMS
	LAYOUT WINDOW AND DOOR SYSTEMS MEASURE FOR MIRRORS AND BACK-PAINTED GLASS INSTALL MIRRORS AND BACK-PAINTED GLASS LAYOUT RESIDENTIAL WINDOWS, DOORS, FRAMES AND HARDWARE FOR INSTALLATION INSTALL RESIDENTIAL WINDOWS, DOORS, FRAMES AND HARDWARE
Supervis	or Signature

NOTES FROM LEVEL 2	
Note:	

# **IMPORTANT!**

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Read the competency tables

Some competencies are taught in many levels

For detailed information about that competency, go to the Program Outline

### **THEORY**

LINE	B: ORGANIZE WORK
	INTERPRET ARCHITECTURAL DRAWINGS AND SPECIFICATIONS IDENTIFY ORGANIZATIONS RESPONSIBLE FOR CODES, REGULATIONS, AND STANDARDS DESCRIBE MENTORSHIP
LINE	D: FABRICATE COMMERCIAL SYSTEMS
	DESCRIBE CURTAIN WALL TYPES AND COMPONENTS DESCRIBE CURTAIN WALL FABRICATION DESCRIBE ANCHOR SYSTEMS DESCRIBE THE PURPOSE, FUNCTION AND COMPONENTS OF COMPLEX SKYLIGHTS DESCRIBE THE TYPES AND APPLICATIONS OF DIFFERENT COMMERCIAL ENTRANCE SYSTEMS DESCRIBE THE PARTS REQUIRED FOR FABRICATING COMMERCIAL ENTRANCE SYSTEMS
LINE	E: INSTALL COMMERCIAL SYSTEMS
	DESCRIBE INSTALLATION AND GLAZING OF CURTAIN WALLS DESCRIBE PURPOSE AND TYPES OF BUILDING ENVELOPE MEMBRANES

LINE G: INSTALL SPECIALTY GLASS AND PRODUCTS	
	DESCRIBE SPECIALTY PRODUCT MATERIALS
	DESCRIBE APPLICATIONS OF SPECIALTY GLASS AND PRODUCTS
	DESCRIBE SERVICE PROCEDURES

# **PRACTICAL**

LINE	B: ORGANIZE WORK
	USE DOOR AND WINDOW SCHEDULES USE A DRAWING TO PREPARE A COMPLEX MATERIAL LIST APPLY CODES, REGULATIONS, STANDARDS, AND ENGINEERING REQUIREMENTS APPLY MANUFACTURER AND SUPPLIER DOCUMENTATION CALCULATE MATERIAL QUANTITIES USE MATH TO OPTIMIZE MATERIALS FOR ENTIRE PROJECT ASSESS SPECIFIC JOB REQUIREMENTS PREPARE TOOL AND MATERIAL LIST DETERMINE BUILDING ENVELOPE SPECIFICATIONS COPY A FABRICATION LIST DETERMINE INSTALLATION PRIORITIES LEAD TOOLBOX MEETING COORDINATE WORK WITH OTHER TRADES
	COMMUNICATE WITH ENGINEERS AND ARCHITECTS COMMUNICATE WITH CLIENTS
LINE	C: USE TOOLS AND EQUIPMENT
	PERFORM ON SITE MEASURING OFF GRIDLINES AND BENCHMARKS LAYOUT OF RADIUS FRAME TRANSPOSE ROUGH OPENINGS (ROS), FRAME SIZES, AND FLASHIN TO DRAWINGS USE RIGGING, HOISTING, AND LIFTING EQUIPMENT
LINE	D: FABRICATE COMMERCIAL SYSTEMS
	FABRICATE COMPLEX SKYLIGHTS FABRICATE ENTRANCE SYSTEMS

	LAYOUT FOR FABRICATION OF GUARDRAIL, HANDRAIL AND BALUSTRADE SYSTEMS
	FABRICATE GUARDRAIL, HANDRAIL AND BALUSTRADE SYSTEMS
	CUT DIFFERENT SHAPES OF GLASS
	USE SPECIALTY TOOLS AND CUTTING EQUIPEMENT
LINE	E E: INSTALL COMMERCIAL SYSTEMS
LIIVE	E. INSTALL COMMERCIAL STSTEMS
	ANALYZE AND TROUBLESHOOT PROBLEMS WITH ENVELOPE PERFORMANCE INTEGRITY
	INSTALL COMPLEX SKYLIGHTS
	INSTALL COMPLEX SLOPED GLAZING SYSTEMS
	INSTALL ENTRANCE SYSTEMS
	LAYOUT FOR INSTALLATION OF GUARDRAIL, HANDRAIL, AND BALUSTRADE SYSTEMS
	INSTALL GUARDRAIL, HANDRAIL, AND BALUSTRADE SYSTEMS
	INSTALL FLASHING
	APPLY STRUCTURAL SILICONE GLAZING (SSG)
LINE	F: INSTALL RESIDENTIAL SYSTEMS
	INSTALL A RESIDENTIAL NAIL-ON FLANGE
	MEASURE FOR SOLARIUMS
	INSTALL SOLARIUMS
	MEASURE FOR SHOWER ENCLOSURES
	INSTALL SHOWER ENCLOSURES
	LAYOUT GUARDRAIL, HANDRAIL, AND BALUSTRADE SYSTEMS FOR INSTALLATION
	INSTALL GUARDRAIL, HANDRAIL, AND BALUSTRADE SYSTEMS
LINIE	C. INCTALL CRECIALTY OF ACCUME PRODUCTS
LINE	E G: INSTALL SPECIALTY GLASS AND PRODUCTS
	LAYOUT SPECIALTY GLASS AND PRODUCTS
	SELECT MATERIALS REQUIRED FOR ASSEMBLY

☐ ASSEMBLE SPECIALTY GLASS AND PRODUCTS ☐ INSTALL SPIDER GLAZING, SMOKE BAFFLES, CANOPIES, SUNSHADES, AUTO HEADERS, AUTOMOTIVE AND COMMERCIAL MACHINERY GLASS
LINE H: SERVICE GLAZING SYSTEMS
SERVICE BROKEN AND FAILED GLASS SERVICE DOORS AND HARDWARE SERVICE DAMAGED FRAMING COMPONENTS
Supervisor Signature

NOTES FROM LEVEL 3	
Note:	

### **MISSING COMPETENCIES?**

To develop the best journeyperson possible employers should attempt to provide training in all competencies for the trade. This is not always possible.

If your employer is unable to provide training in any competency required for your trade, note that competency below.

Competencies listed here will remain unsigned until your employer can provide training in that area or until you find an alternate way to gain the experience needed.

Competency:	Date:
Reason:	
Alternate plan:	
Competency:	Date:
Reason:	
Alternate plan:	

# **TECHNICAL TRAINING**

### Instructions

Keep a record of each level of technical training completed.

### Level 1

Date Completed:	Training Provider:
Mark:	Instructor:

#### Level 2

Date Completed:	Training Provider:
Mark:	Instructor:

#### Level 3

Date Completed:	Training Provider:
Mark:	Instructor:

# **COMPLETION REQUIREMENTS**

### **Instructions**

Keep a record of each program completion requirement achieved.

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☐ Level 1 - Technical Training
☐ Level 2 - Technical Training
☐ Level 3 - Technical Training
☐ 6,660 Work-Based Training Hours
<ul><li>☐ ITA Interprovincial Red Seal examination</li><li>☐ Recommendation for Certification signed by sponsor</li></ul>

Note: After all other completion requirements have been met, ITA sends a Recommendation for Certification form to the sponsor requesting signoff.

### **CERTIFICATIONS**

#### **Instructions**

Keep a record of the credentials and endorsements you have earned, including the certification number and date of issue.

CREDENTIAL EARNED	NUMBER	DATE OF ISSUE

If you have any questions, please contact ITA Customer Service at <u>customerservice@itabc.ca</u>
778-328-8700 or toll free (within BC) at 1-800-660-6011