SKILLEDTRADES^{BC}

Personal Record Book Residential Building Maintenance Worker

This is your Record Book!

DO NOT SUBMIT TO SKILLEDTRADESBC

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 up-todate
- 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: RESIDENTIAL BUILDING MAINTENANCE WORKER

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:

- Have your sponsor update your Work Based Training hours on their <u>SkilledTradesBC Portal account</u>.
- Update Record of Competencies with your supervisor.
- Confirm with your employer that your workplace hours have been reported to SkilledTradesBC, and if possible get a copy of all Work-Based Training Hours reports submitted.
- Notify SkilledTradesBC of the change in your employment by submitting an <u>Online</u> <u>Registration Request</u> with your new employer on the SkilledTradesBC Portal.

When re-employed...

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

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:

TWID #:

Phone:

Email:

Supervisor/Journeyperson 2:

WORKPLACE HOURS

Instructions

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

- 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 SkilledTradesBC 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)	EMPLOYER	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: https://skilledtradesbc.ca/residential-building-maintenance-worker

Apprenticeship Toolkit

For general information on apprenticeship and tips for navigating the apprenticeship system in BC visit SkilledTradesBC's website to learn about the <u>apprenticeship basics</u>.

LEVEL 1

IMPORTANT!

Download the Program Outline!

https://skilledtradesbc.ca/residential-building-maintenance-worker

Read the competency tables

Some competencies are taught in many levels

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

THEORY

LINE	E A: DESCRIBE BUILDING MAINTENANCE WORK
	Identify the different types of buildings that a residential building maintenance worker may be required to complete maintenance activities on
	Describe the residential building maintenance industry and its related trades and occupations
	Identify work done by a residential building maintenance worker
LINE	E B: USE SAFE WORK PRACTICES
	Identify WCB safety regulations as they pertain to the building maintenance occupation
	Identify legal aspects & penalties affecting employers and employees
	Identify the aspects of fire and safety control
	Distinguish between the type of fire and type of extinguisher required
	Identify the locations of and requirements for smoke and carbon monoxide detectors
	Describe the use of fire drills and escape routes
	Identify lockout and tagging, WCB regulations, and lockout procedures
LINE	E C: PERFORM TRADES MATH & FINANCIAL CALCULATIONS
	Read and understand a set of plans or instructions using metric measurements Give real world examples of how some of these math skills may be successfully used

	Identify relevant federal and provincial codes and local bylaws for any work to be performed
	Identify the different types of views used on plans for house construction
	Identify plumbing and electrical components on a given drawing
	Identify types of construction, identify framing components on a given drawing, identify structural components on a given drawing, locate wall ceiling and floor framing members on a given drawing, identify types of roofs on housing units, and demonstrate an ability to relate this to real world situations
	Interpret blueprints with the use of various plans and drawings, lines, abbreviations, symbols, and specifications
LINE	E F: PREVENT AND REMEDIATE MOULD ISSUES
	Describe mould issues related to health, define what mould is and how it grows, recognize its characteristics, and recognize the health risks and symptoms associated with mould
	Describe mould prevention issues, recognize industry responsibilities, and identify causes and solutions to prevent mould
	Identify mould remediation procedures and classifications of mould
LINE	E G: PERFORM CARPENTRY REPAIRS AND MAINTENANCE
	Describe types and sizes of framing lumber
	Identify types of interior and exterior finishing materials
	Describe types of softwood and hardwood lumber
	Identify mouldings used in residential construction
	Identify all types of hardware used in residential construction
	Identify miscellaneous hardware and materials used in housing
	Identify different types of stairs
	Describe the different components used in stair construction
	Describe types of stair construction
	Describe components used for handrails and guardrails

	Describe the installation of cabinets, counter tops and hardware
	Describe the installation of counter tops
	Identify the various types of interior and exterior doors & various types of windows
LINE	H: REPAIR DRYWALL
	Identify types of drywall, fasteners for drywall board
	Identify and describe the use of drywall mud, tape and corners
	Identify types of drywall, drywall materials, mud, nails, screws, tapes, and corners

PRACTICAL

LINE	E A: DESCRIBE BUILDING MAINTENANCE WORK
	Use basic Residential Building Maintenance Worker trade terminology
LINE	E B: USE SAFE WORK PRACTICES
	Obtain a Level One Occupational First Aid Certificate with Transport Endorsement Obtain WHMIS Certification Fill out injury reports Identify and assemble the proper safety equipment and clothing needed and ther store such equipment properly Use personal safety gear and equipment, fall restraint equipment, and clothing required for adverse conditions Demonstrate the proper use of step ladders, extension ladders, scaffolding, and platforms in a workplace setting as well as identify related WCB regulations Successfully obtain a certificate for the use of air packs during confined space entry and verbally describe the skills required by a safety person
LINE	E C: PERFORM TRADES MATH & FINANCIAL CALCULATIONS
	Perform basic geometry calculations using practical examples that involve the calculation of perimeters, areas, and volumes of different shapes
LINE	E D: USE & MAINTAIN TOOLS
	Demonstrate practical competency in the use, care and maintenance of selected carpentry and drywall tools
	Demonstrate the proper use of portable tools and their bits or blades for a given project
	Select the correct blades or tools for a given project
	Demonstrate the safe use of a table saw for ripping materials for a given project
	Demonstrate crosscutting materials for a given project
	Demonstrate making various cuts on a table saw

Ш	Demonstrate how a table saw should be maintained and cared for
	Successfully set and sharpen handsaws, sharpen planes, sharpen chisels and knives, sharpen tool bits, disassemble, sharpen and reassemble mower blades and accurately demonstrate the safety precautions that must be taken in each situation
	Demonstrate the use of measuring tools in imperial and metric
	Demonstrate the use of squares, stud finders, layout tools, levels and plumb bob
	Demonstrate the safe use of powder actuated tools, select the correct cartridge for a given project, select the correct fastener for the project, and successfully obtain a certificate for the operation of powder actuated tools
LINE	E E: DESCRIBE BUILDING STRUCTURE AND DESIGN
	Demonstrate the use of scale rules in metric and imperial on a given drawing Successfully demonstrate the use of house plans to identify building problems Review plans and specifications for errors or omissions Identify concrete products, identify materials needed for a simple pad form, order ready mix concrete sufficient for the needs of the project and level and smooth it to the satisfaction of the contractor or owner Draw simple shop drawings
LINE	E G: PERFORM CARPENTRY REPAIRS AND MAINTENANCE
	Calculate rise and run
	Make repairs to stairs, handrails and decks as needed
	Successfully demonstrate an ability to repair stairs, handrails, landings and decks to match existing materials
	Demonstrate the replacement of cabinets, shelves and drawers
	Demonstrate the installation of plastic laminate, mirrors, and caulking
	Repair or replace door and window hardware
	Repair concrete sidewalks, concrete steps
	Effectively caulk or seal cracks in basement walls and floors
	Make adjustments to teleposts to level the floor, identify and locate structural problems, and make emergency repairs where needed to the satisfaction of the instructor

	Demonstrate the ability to assess the need for a journey person to assess the damage
	Demonstrate the replacement of doors and windows as well as demonstrating the upgrading of windows and doors, and window and door openings for energy conservation purposes
	Replace damaged or missing moulding, and caulk around mouldings where needed
	Replace damaged or missing siding or mouldings, make repairs to damaged siding, make repairs to damaged air barriers and apply caulking where needed
	Inspect attics and crawlspaces to check for rodent or bug infestation and determine the need for an exterminator
	Assess situations where and when a journey person or a BC Safety Authority licensed contractor is required to assess damage and do repair work <i>(G11)</i>
LINE	H: REPAIR DRYWALL
	Demonstrate patching holes in drywall while maintaining the original appearance
	Install selected drywall tape for repair work to cover joins; select the correct drywall mud for the project; install selected corner beads for a given project; install the finishing coat of drywall mud ready for sanding and painting to the satisfaction of the instructor
	Select the correct sand paper for a given project, demonstrate sanding a given project, and demonstrate the proper way to prepare a given surface for painting
	Replace or repair damaged or missing insulation
	Replace or repair damaged or missing vapour barriers
	Accurately assess if a journey person is required for a given project
LINE	I: APPLY PUBLIC RELATIONS SKILLS
	Use various communication techniques and interpersonal skills in dealing with others
Superviso	Use various communication techniques to demonstrate his or her interpersonal skills in dealing with others to the satisfaction of the instructor or Signature

NOTES FROM LEVEL 1	
Note:	

LEVEL 2

IMPORTANT!

Download the Program Outline!

https://skilledtradesbc.ca/residential-building-maintenance-worker

Read the competency tables

Some competencies are taught in many levels

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

THEORY

LINE	EB: USE SAFE WORK PRACTICES
	Evaluate the roles of the worker, employer, and WCB and describe the general safety rules that apply to the RBMW Correctly identify the parts of steel scaffolding
ä	Describe how steel scaffolding design relates to stability and safety Recognize the location of lock out valves for fuel, gas, propane, or oil and water supply valves
LINE	E E: DESCRIBE BUILDING STRUCTURE AND DESIGN
	Identify relevant provincial codes for work to be performed and explain how the would ensure that all work meets the standards of the BC Building Code Identify the use of fire and life safety systems including describing fire alarms, sprinkler systems
LINE	E J: REPAIR AND MAINTAIN PLUMBING
	Identify plumbing lines, drains, vents, septic systems, wells, pumps, pressure systems and how they relate to a given scenario
	Identify and locate plumbing problems, identification of mold and the tools needed for general maintenance
	Accurately describe the parameters used for assessment and the indicators used to assess the need for bringing in a journeyman to identify the extent of repairs or replacement required

LINE K: REPAIR AND MAINTAIN ROOFING	
	Determine roofing materials and gutter systems to be used on a given project Determine the procedures needed to repair and maintain shingles Describe the need for repair of roof decking Describe methods of inspection and procedures for identifying roofing and weather proofing problems Describe the methods and parameters used to assess the need for a journey
LINE	E L: REPAIR AND MAINTAIN FLOORING
0	Describe the accurate assessment and procedures used to identify flooring materials Verbally describe the need for bringing in a journey person
	EM: REPAIR AND MAINTAIN HEATING AND VENTILATION TEMS
	Describe heating system materials and its components Describe the replacement of damaged thermostats and the installation of programmable thermostats
	Describe the maintenance of chimneys, and chimney parts

PRACTICAL

LINE	E B: USE SAFE WORK PRACTICES
	Demonstrate the proper procedures in handling, the set up and the use of step ladders and extension ladders Demonstrate to the satisfaction of the instructor how to set up steel scaffolding Correctly make use of safety equipment such as guardrails and toe boards Demonstrate safe lock out procedures for safely shutting off gas, propane or oil supply valves when required and prior to any work done on a system Demonstrate safe shut of the main water supply valves when required and prior to any work done on the system
LINE	E D: USE & MAINTAIN TOOLS
	Use tools used in carpentry, plumbing, heating, ventilation, and floor repair Use measuring and layout tools to complete projects Use water testing equipment
LINE	E E: DESCRIBE BUILDING STRUCTURE AND DESIGN
	Demonstrate the use of fire extinguishers and manual fire suppression systems Demonstrate the use of home owner and tenant orientations including heat and hot water, fire safety, septic tanks and fields, lawn service and lock out procedure to the satisfaction of instructor
LINE	E I: APPLY PUBLIC RELATIONS SKILLS
	Demonstrate the use of home owner and tenant orientations including heat and hot water, fire safety, septic tanks and fields, lawn service and lock out procedure to the satisfaction of instructor
LINE	E J: REPAIR AND MAINTAIN PLUMBING
	Demonstrate the repair and maintenance of fixture components

	Repair plumbing lines, demonstrate the proper techniques for soldering copper fittings and piping, demonstrate the use of valves in plumbing systems and describe the attributes of each to the satisfaction of the course instructor Demonstrate the ability to service hot water tanks, service and replace water pumps, and correctly implement servicing and maintenance of septic systems
LINE	E K: REPAIR AND MAINTAIN ROOFING
	Repair and maintain gutter systems Repair and replace flashing Repair and maintain panel roofing systems Prepare and patch asphalt shingle roofs Repair and maintain all aspects of venting systems Select the correct materials, install backing and make repairs to roof decking
LINE	E L: REPAIR AND MAINTAIN FLOORING
	Demonstrate the methods and procedures used to prepare a sub-floor for flooring materials Repair and replace ceramic tiles Repair, maintain and replace underlay, carpets, rolled goods, and tiles Repair and maintain hardwood floors Demonstrate the procedures used in identifying and locating flooring problems Repair and lay vinyl flooring
	E M: REPAIR AND MAINTAIN HEATING AND VENTILATION TEMS
	Demonstrate the correct procedures for replacing a baseboard heater thermostat Replace furnace belts, fans, filters, and other components

LINE	N: PERFORM RBMW ADMINISTRATIVE DUTIES
	Demonstrate the use of and explain the parameters required for log books, times sheets, work orders and unit files, and the procedures used in inventory control
	Fill out application forms for permits, maintenance, renovation, unit condition, and funding
	Obtain material prices that are competitive, select suppliers that also provide the required service, arrange for shipping and safe and secure on-site storage, write out purchase orders and verify information for projects
Superviso	r Signature

NOTES FROM LEVEL 2	
Note:	

LEVEL 3

IMPORTANT!

Download the Program Outline!

https://skilledtradesbc.ca/residential-building-maintenance-worker

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: USE SAFE WORK PRACTICES
	Describe the safe and effective use of ladders, scaffolding and platforms
LINE	D: USE & MAINTAIN TOOLS
	Describe the identification and maintenance of hand tools, and describe their uses
Ш	Describe how to use electrical testing tools and what they are used for
	Describe the safe use of lifting and hoisting equipment
LINE	E: DESCRIBE BUILDING STRUCTURE AND DESIGN
	Identify relevant provincial codes for work to be performed or maintained Describe fire and life safety related systems associated with the RBMW
LINE	I: APPLY PUBLIC RELATIONS SKILLS
	Describe the relationships and skills required by a RBMW to maintain effective homeowner/tenant relations
LINE SYST	M: REPAIR AND MAINTAIN HEATING AND VENTILATION TEMS
	Describe HRV systems, their operation, maintenance and how to troubleshoot problems

	Describe basic refrigeration and boiler theory, and determine the criteria leading up to the need for a journeyperson and/or licensed contractor Describe oil furnace systems, determine and correct problems, and assess the need for a journeyperson and/or licensed contractor
LINE	EN: PERFORM RBMW ADMINISTRATIVE DUTIES
	Explain and perform maintenance planning duties Explain the processes used to provide an accessible environment to accommodate given individual disabilities such as blindness or limb impairment
LINE	EO: DESCRIBE BASIC BUILDING SCIENCES
	Describe forces acting on a building Describe the principles of heat and sound transfer Describe the principles of air and moisture movement in a building
LINE	EP: REPAIR AND MAINTAIN ELECTRICAL
	Describe the uses and identification of electrical materials including ground connections, main panel and breakers, service entrances, switches and receptacles, light fixtures and extension cords
LINE	E Q: APPLY PAINT AND WALL COVERINGS
	Identify painting materials and their uses

PRACTICAL

LINE	E B: USE SAFE WORK PRACTICES
	Accurately demonstrate locking out power to electrical circuits and to an entire unit
LINE	E C: PERFORM TRADES MATH & FINANCIAL CALCULATIONS
	Estimate and calculate materials and services used for a project Calculate the different aspects of estimation for project budgets using trade math Develop spreadsheets to estimate, create, and monitor budgets
LINE	E D: USE & MAINTAIN TOOLS
	Use a personal computer, its hardware and software such as Excel, Word, and email components
LINE	E I: APPLY PUBLIC RELATIONS SKILLS
	Conduct orientation and training programs for tenants and homeowners Liaise with officials, inspectors, and agencies
	E M: REPAIR AND MAINTAIN HEATING AND VENTILATION TEMS
	Identify and locate heating problems based on the parameters and techniques used in the trade Distinguish the identification, location and testing of ventilation problems Assess the need for a journeyperson and/or licensed contractor to correct heating problems or provide maintenance
LINE	E N: PERFORM RBMW ADMINISTRATIVE DUTIES
	Write out work orders, determine manpower needs, schedule material deliveries and schedule equipment and contractors Estimate all project costs

LINE	E P: REPAIR AND MAINTAIN ELECTRICAL
	Perform the replacement of existing light switches and cover plates, existing receptacle and cover plates, and test and replace GFI receptacles Test and perform repairs to household appliances Test electrical components and perform electrical repairs and maintenance Assess the need for a journey person and or licensed contractors in situations requiring electrical repairs and maintenance and determine whether the repair should be immediate or at the next scheduled maintenance
LINE	E Q: APPLY PAINT AND WALL COVERINGS
	Prepare surfaces for painting and demonstrate how to apply caulking and other sealants Select and apply the proper products to interior and exterior surfaces Prepare surfaces for the application of wall coverings and demonstrate the correct procedures for the installation of wall coverings
	Assess the need for a journeyperson and/or licensed contractor to complete projects
Superviso	or 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:	
	L
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.

RESIDENTIAL BUILDING MAINTENANCE WORKER

Level 1 - Technical Training
Level 2 - Technical Training
Level 3 - Technical Training
4,500 Work-Based Training Hours
Certificate of Qualification examination
Recommendation for Certification signed by sponsor

Note: After all other completion requirements have been met, SkilledTradesBC 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 SkilledTradesBC Customer Service at <u>customerservice@skilledtradesbc.ca</u>
778-328-8700 or toll free (within BC) at 1-800-660-6011