

PERSONAL RECORD BOOK

Industrial Mechanic (Millwright)



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: INDUSTRIAL MECHANIC (MILLWRIGHT)

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:	
Comact Forestin	
Address:	Phone:
	Email:
	Fax:
Supervisor/Journeyperson 1:	TWID #:
	Phone:
	Email:
Supervisor/Journeyperson 2:	TWID #:
	Phone:
	Email:
Subsequent Employers	
Start Date:	End Date:
Employer:	<u>'</u>

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)	EMPLOYER	HOURS
TOTAL HOURS		
TOTALTIOUNS		

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: www.itabc.ca/program/industrial-mechanic-millwright

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/industrial-mechanic-millwright

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: PERFORM SAFETY RELATED FUNCTIONS
	DETERMINE AND APPLY JURISDICTIONAL REGULATIONS IDENTIFY THE PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED FOR VARIOUS SITUATIONS
	IDENTIFY VARIOUS POSSIBLE HAZARDS THAT MAY BE ENCOUNTERED ON THE JOB SITE AND DESCRIBE THE CORRECTIVE ACTIONS REQUIRED
	IDENTIFY FIRE HAZARDS AND THE FOUR TYPES OF FIRES
	EXPLAIN THE PRINCIPLES OF FIRE FIGHTING AND DESCRIBE THE SAFE USE OF FIRE FIGHTING EQUIPMENT
	RECOGNIZE THE ERGONOMIC RISKS IN THE WORKPLACE AND IDENTIFY APPLICABLE PREVENTATIVE MEASURES
	IDENTIFY ENERGY SOURCES AND LOCK-OUT REQUIREMENTS
	IDENTIFY LOCK-OUT AND TAG-OUT PROCEDURES
LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	DESCRIBE LUBRICATION TYPES AND SYSTEMS DESCRIBE THE SAFE USE, STORAGE AND HANDLING OF LUBRICANTS
	DESCRIBE THE USE OF LAYOUT TOOLS
	DESCRIBE APPROPRIATE LAYOUT PROCEDURES FOR THE INSTALLATION OF MACHINERY
	EYDI AINI THE SAFE LISE AND HANDI INC OF COOLITS

	DESCRIBE EQUIPMENT FOUNDATIONS AND ASSOCIATED MATERIALS
	CLASSIFY AND IDENTIFY MECHANICAL FASTENERS AND LOCKING DEVICES
	IDENTIFY AND USE APPROPRIATE TOOLS AND DESCRIBE METHODS REQUIRED TO SET TORQUE VALUES
	EXPLAIN AND USE METHODS TO DETERMINE THE STRENGTH OF FASTENING DEVICES
	IDENTIFY AND USE THE PROPER CHEMICAL FASTENING COMPOUND FOR VARIOUS SITUATIONS
	READ AND INTERPRET VARIOUS TEXTBOOKS, SERVICE MANUALS AND BULLETINS RELATED TO THE PERFORMANCE OF THE WORK
	IDENTIFY THE TYPES OF DRAWINGS AND DIAGRAMS ASSOCIATED WITH THE MILLWRIGHT TRADE
	IDENTIFY THE ELEMENTS COMMON TO ALL DRAWINGS, PLANS AND
Ц	SKETCHES
LINE	•
LINE	SKETCHES
	SKETCHES D: USE COMMUNICATION AND MENTORING TECHNIQUES
	D: USE COMMUNICATION AND MENTORING TECHNIQUES IDENTIFY AND USE RECORD KEEPING SYSTEMS
LINE	D: USE COMMUNICATION AND MENTORING TECHNIQUES IDENTIFY AND USE RECORD KEEPING SYSTEMS E: PERFORM MEASURING AND LAYOUT OF WORK PIECE IDENTIFY PRECISION MEASURING TOOLS AND EQUIPMENT

PRACTICAL

LINE	A: PERFORM SAFETY RELATED FUNCTIONS
	USE PERSONAL PROTECTIVE EQUIPMENT (PPE) AND EXPLAIN PROPER MAINTENANCE AND STORAGE TECHNIQUES USE LOCK-OUT AND TAG-OUT PROCEDURES
LINE	B: USE TOOLS AND EQUIPMENT
	USE AND MAINTAIN HAND AND PORTABLE POWER TOOLS SET UP, USE AND MAINTAIN SHOP MACHINES USE ACCESS EQUIPMENT
LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	USE A SCIENTIFIC CALCULATOR, GRAPHS, TABLES AND CHARTS TO SOLVE PROBLEMS USE MATHEMATICAL CALCULATIONS TO PERFORM DUTIES LOCATE INFORMATION FROM A VARIETY OF SOURCES NECESSARY TO MAINTAIN, TROUBLESHOOT AND SERVICE EQUIPMENT PRODUCE A SKETCH USING COMMON DRAWING ELEMENTS
LINE	D: USE COMMUNICATION AND MENTORING TECHNIQUES
	USE TRADE TERMINOLOGY
LINE	E: PERFORM MEASURING AND LAYOUT OF WORK PIECE
	USE MEASURING TOOLS SELECT AND USE MEASURING AND LAYOUT TOOLS LAYOUT AND FABRICATE WORK PIECE
LINE	F: PERFORM CUTTING AND WELDING OPERATIONS
	USE OXY-ACETYLENE EQUIPMENT USE AND MAINTAIN PLASMA ARC CUTTING EQUIPMENT

LINE G: PERFORM RIGGING, HOISTING/LIFTING AND MOVING
□ SELECT AND USE SLING AND RIGGING ATTACHMENTS□ PERFORM RIGGING CALCULATIONS□ CREATE A RIGGING PLAN
Supervisor Signature

NOTES FROM LEVEL 1
Note:

IMPORTANT!

Download the Program Outline!

https://www.itabc.ca/program/industrial-mechanic-millwright

Read the competency tables

Some competencies are taught in many levels

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

THEORY

LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	DESCRIBE THE SAFE USE, STORAGE AND HANDLING OF LUBRICANT IDENTIFY TYPES OF LUBRICATING SYSTEMS DESCRIBE MAINTENANCE AND SERVICE OF LUBRICATING SYSTEMS DESCRIBE THE LEVELING AND ALIGNMENT OF COMPONENTS IDENTIFY THE CHARACTERISTICS ASSOCIATED WITH METALS AND LIST METHODS OF MECHANICAL AND CHEMICAL TESTING DESCRIBE TYPES OF METALS AND THEIR PROPERTIES DESCRIBE THE METALLURGICAL PRINCIPLES OF NON-FERROUS METALS, USING APPROPRIATE TRADE TERMINOLOGY DESCRIBE THE METALLURGICAL PRINCIPLES OF FERROUS METALS USING APPROPRIATE TRADE TERMINOLOGY DESCRIBE DRAWINGS USED TO ASSEMBLE MACHINES
LINE	F: PERFORM CUTTING AND WELDING OPERATIONS
	IDENTIFY GAS METAL ARC WELDING (GMAW OR MIG) EQUIPMENT IDENTIFY GAS TUNGSTEN ARC WELDING (GTAW / TIG) EQUIPMENT DESCRIBE GAS TUNGSTEN ARC WELDING
LINE	H: SERVICE SHAFTS, BEARINGS AND SEALS
П	DESPONDE THE SERVICE OF SHAFTS AND SHAFT ATTACHMENTS

Ц	DESCRIBE VARIOUS TYPES OF FRICTION AND LOAD CONDITIONS ASSOCIATED WITH BEARINGS
	IDENTIFY STYLES AND CONSTRUCTION OF FRICTION AND ANTI- FRICTION BEARINGS
	DESCRIBE THE INSTALLATION, REMOVAL AND MAINTENANCE OF SEALS
LINE	I: SERVICE COUPLINGS, CLUTCHES AND BRAKES
	IDENTIFY DIFFERENT TYPES AND COUPLINGS RECOGNIZE COUPLING FAILURE AND DIAGNOSE PROBLEMS
	RECOGNIZE COOF LING FAILONE AND DIAGNOSE FROBELING
LINE	J: SERVICE CHAIN AND BELT DRIVE SYSTEMS
	DESCRIBE DRIVE CHAINS
	DESCRIBE DRIVE CHAINS DEFINE BELT DRIVE TERMINOLOGY
	DESCRIBE DRIVE CHAINS DEFINE BELT DRIVE TERMINOLOGY IDENTIFY TYPES AND ARRANGEMENTS OF BELT DRIVE SYSTEMS
LINE	DESCRIBE DRIVE CHAINS DEFINE BELT DRIVE TERMINOLOGY IDENTIFY TYPES AND ARRANGEMENTS OF BELT DRIVE SYSTEMS K: SERVICE GEAR SYSTEMS DESCRIBE GEAR TERMINOLOGY

PRACTICAL

LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	USE FITS AND TOLERANCES USE TRIGONOMETRY USE SIMPLE MACHINES USE POWER TRANSMISSION THEORY SELECT THE CORRECT LUBRICANT FOR SPECIFIC APPLICATIONS
LINE	F: PERFORM CUTTING AND WELDING OPERATIONS
	PERFORM SHIELDED METAL ARC WELDING MAINTAIN SHIELDED METAL ARC WELDING EQUIPMENT PERFORM VERTICAL SHIELDED METAL ARC WELDING PERFORM GAS METAL ARC WELDING MAINTAIN GAS METAL ARC WELDING (GMAW OR MIG) EQUIPMENT MAINTAIN GAS TUNGSTEN ARC WELDING (GTAW / TIG) EQUIPMENT
LINE	H: SERVICE SHAFTS, BEARINGS AND SEALS
	INSTALL AND FIT KEYS, KEY WAYS AND KEY SEATS SELECT THE CORRECT TYPE OF BEARINGS FOR SPECIFIC APPLICATIONS
	FIT, MOUNT AND DISMOUNT FRICTION AND ANTI-FRICTION BEARINGS INSPECT AND MAINTAIN BEARINGS AND DIAGNOSE CAUSES OF BEARING FAILURES
	SELECT THE CORRECT SEALS, PACKING AND GASKETS TO MEET SPECIFIC APPLICATIONS
LINE	I: SERVICE COUPLINGS, CLUTCHES AND BRAKES
	ASSEMBLE, INSTALL AND MAINTAIN COUPLINGS INSPECT CLUTCHES AND BRAKES

LINE J: SERVICE CHAIN AND BELT DRIVE SYSTEMS
☐ INSTALL AND SERVICE BELT DRIVE SYSTEMS
LINE K: SERVICE GEAR SYSTEMS
☐ INSPECT AND REPAIR GEAR DRIVES
LINE L: PERFORM SHAFT ALIGNMENT PROCEDURES
□ USE SHAFT ALIGNMENT TOOLS □ DEMONSTRATE SHAFT ALIGNMENT PROCEDURES □ RECORD SHAFT ALIGNMENT RESULTS □ PERFORM RIM AND FACE DIAL ALIGNMENT
Supervisor Signature

NOTES FROM LEVEL 2
Note:

IMPORTANT!

Download the Program Outline!

https://www.itabc.ca/program/industrial-mechanic-millwright

Read the competency tables

Some competencies are taught in many levels

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

LINE O DEDECORA DOLLTINE TRADE ACTIVITIES

THEORY

LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	DESCRIBE FLUID POWER THEORY DESCRIBE THE LEVELING AND ALIGNMENT OF MACHINE COMPONENTS IDENTIFY AND USE SCHEMATIC AND GRAPHICAL SYMBOLS USED IN HYDRAULIC AND PNEUMATIC CIRCUITRY AS IT PERTAINS TO JIC AND ISO STANDARDS
	IDENTIFY AND INTERPRET THE SYMBOLS USED ON VACUUM SYSTEM DRAWINGS
LINE	M: SERVICE FANS AND BLOWERS
	DESCRIBE THE MAINTENANCE AND SERVICE OF FANS DESCRIBE THE MAINTENANCE AND SERVICE OF BLOWERS
LINE	N: SERVICE PUMPS
	EXPLAIN TERMINOLOGY ASSOCIATED WITH PUMPS DESCRIBE THE THEORY OF POSITIVE DISPLACEMENT PUMP OPERATION
	IDENTIFY AND SELECT PUMPS DESCRIBE THE MAINTENANCE AND SERVICE OF POSITIVE DISPLACEMENT PUMPS
	EXPLAIN TERMINOLOGY ASSOCIATED WITH PUMPS

	DESCRIBE THE THEORY OF NON-POSITIVE DISPLACEMENT PUMP OPERATION
	IDENTIFY AND SELECT NON-POSITIVE DISPLACEMENT PUMPS
LINE	O: SERVICE COMPRESSORS
	IDENTIFY TYPES OF COMPRESSORS DESCRIBE POSITIVE AND NON-POSITIVE DISPLACEMENT COMPRESSOR THEORY DESCRIBE MAINTENANCE AND TROUBLESHOOTING OF COMPRESSORS
LINE	P: SERVICE PIPING, TANKS AND CONTAINERS
	DESCRIBE THE TYPES AND FUNCTIONS OF PROCESS TANKS AND STORAGE CONTAINERS DESCRIBE TROUBLESHOOTING, REPAIR AND MAINTENANCE OF PROCESS TANKS AND CONTAINERS
Ш	DESCRIBE THE STANDARD OPERATING PROCEDURES FOR TANKS AND PROCESS VESSELS FOR CONFINED SPACE ENTRY
	DESCRIBE THE FUNCTIONS AND METHODS OF LOADING AND UNLOADING MATERIAL HANDLING SYSTEMS
	DESCRIBE, MAINTAIN AND IDENTIFY THE VARIOUS TYPES AND COMPONENTS OF MATERIAL HANDLING SYSTEMS
LINE	Q: SERVICE HYDRAULIC SYSTEMS
	IDENTIFY AND DESCRIBE HYDRAULIC SYSTEM COMPONENTS
LINE	R: SERVICE PNEUMATIC AND VACUUM SYSTEMS
	IDENTIFY AND DESCRIBE PNEUMATIC AND VACUUM COMPONENTS DESCRIBE THE MAINTENANCE OF DRYERS

PRACTICAL

LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	USE FLUID POWER CALCULATIONS
LINE	E L: PERFORM SHAFT ALIGNMENT PROCEDURES
	PERFORM COMPLEX DIAL ALIGNMENT PERFORM LASER ALIGNMENT
LINE	E N: SERVICE PUMPS
	DESCRIBE AND PERFORM THE MAINTENANCE AND SERVICE OF NON POSITIVE DISPLACEMENT PUMPS
LINE	P: SERVICE PIPING, TANKS AND CONTAINERS
	ASSEMBLE AND INSTALL PIPING COMPONENTS
LINE	Q: SERVICE HYDRAULIC SYSTEMS
	DESIGN HYDRAULIC CIRCUITRY ASSEMBLE BASIC HYDRAULIC CIRCUITRY CALIBRATE, SET AND ADJUST HYDRAULIC CIRCUITS MAINTAIN AND SERVICE HYDRAULIC SYSTEMS AND CIRCUITS TROUBLESHOOT FAULTS ASSOCIATED WITH HYDRAULIC CIRCUITS
LINE	R: SERVICE PNEUMATIC AND VACUUM SYSTEMS
	INTERPRET AND DESIGN PNEUMATIC CIRCUITRY ASSEMBLE BASIC PNEUMATIC CIRCUITRY SET AND ADJUST PNEUMATIC CIRCUITS MAINTAIN AND SERVICE PNEUMATIC AND VACUUM SYSTEMS TROUBLESHOOT FAULTS ASSOCIATED WITH PNEUMATIC AND VACUUM SYSTEMS
Supervis	sor Signature

NOTES FROM LEVEL 3
Note:

IMPORTANT!

Download the Program Outline!

https://www.itabc.ca/program/industrial-mechanic-millwright

Read the competency tables

Some competencies are taught in many levels

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

THEORY

LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	DESCRIBE AND PERFORM ELECTRICAL THEORY CALCULATIONS DESCRIBE THE LEVELING AND ALIGNMENT OF COMPONENTS IDENTIFY AND USE SCHEMATIC AND GRAPHICAL SYMBOLS USED IN ELECTRICAL CIRCUITRY AS IT PERTAINS TO NEMA AND ISO STANDARDS
LINE	E D: USE COMMUNICATION AND MENTORING TECHNIQUES
	IDENTIFY AND INTERPRET PAPER-BASED AND ELECTRONIC RECOR KEEPING SYSTEMS READ AND INTERPRET TECHNICAL REPORTS
LINE	S: SERVICE CONVEYING SYSTEMS
	DESCRIBE CONVEYING SYSTEMS, COMPONENTS AND THEIR OPERATION
	DESCRIBE THE ASSEMBLY OF CONVEYORS DESCRIBE MAINTENANCE OF CONVEYING SYSTEMS
LINE	T: SERVICE PRIME MOVERS
	IDENTIFY THE TYPES OF AC AND DC MOTORS DESCRIBE THE APPLICATIONS OF AC AND DC MOTORS

	DESCRIBE THE OPERATING PRINCIPLES OF INTERNAL COMBUSTION ENGINES
	IDENTIFY COMPONENTS OF SPARK IGNITION ENGINES AND COMPRESSION IGNITION ENGINES
	DESCRIBE THE MAINTENANCE AND TROUBLESHOOTING OF INTERNAL COMBUSTION ENGINES
	DESCRIBE THE OPERATING PRINCIPLES OF TURBINES
	IDENTIFY COMPONENTS OF TURBINES
	DESCRIBE THE MAINTENANCE AND TROUBLESHOOTING OF TURBINES
	U: PERFORM PREVENTATIVE AND PREDICTIVE
	TENANOL
Ц	DESCRIBE THE PROCESSES USED TO INTERPRET AND RECORD EQUIPMENT HISTORY
	DESCRIBE PROBLEM SOLVING FLOW CHARTS TO PLAN EQUIPMENT MAINTENANCE PROCEDURES
	DESCRIBE THE TYPES AND THEORY OF MAINTENANCE SCHEDULING
H	DESCRIBE THE TIPES AND THEORY OF MAINTENANCE SCHEDOLING DESCRIBE TROUBLESHOOTING EQUIPMENT
\Box	DESCRIBE VIBRATIONAL ANALYSIS THEORY AND PROCEDURES
	ANALYZE VIBRATION TEST DATA
	DESCRIBE EQUIPMENT BALANCING
	DESCRIBE THE METHODS OF NON-DESTRUCTIVE EVALUATION
	E V: PERFORM COMMISSIONING AND DECOMMISSIONING EQUIPMENT
	EXPLAIN THE REFERENCE DATA REQUIRED FOR THE
	COMMISSIONING PROCEDURE
	EXPLAIN THE REFERENCE DATA REQUIRED FOR THE
П	DECOMMISSIONING PROCEDURE DESCRIBE DECOMMISSIONING PROCEDURES

LINE	W: SERVICE	MECHANICAL	COMPONENTS	OF ROBOTICS
AND	AUTOMATE	EQUIPMENT		

DEFINE TERMINOLOGY OF ROBOTICS AND AUTOMATED EQUIPMENT
DESCRIBE THE INSTALLATION, MAINTENANCE AND
TROUBLESHOOTING OF ROBOTICS AND AUTOMATED EQUIPMENT

PRACTICAL

LINE	C: PERFORM ROUTINE TRADE ACTIVITIES
	PERFORM CALCULATIONS RELATING TO PRIME MOVERS ESTIMATE LABOUR AND MATERIALS AND SCHEDULE MAINTENANCE WORK
LINE	D: USE COMMUNICATION AND MENTORING TECHNIQUES
· <u></u>	USE TRADE TERMINOLOGY IN CLEAR ORAL AND WRITTEN COMMUNICATION
	ORGANIZE AND PARTICIPATE IN GROUP AND MULTI-TRADE SITUATIONS AND MEETINGS
· · · · · · · · · · · · · · · · · · ·	MENTOR AND GUIDE THE TRAINING OF APPRENTICES TO DEFINED INDUSTRY STANDARDS
LINE	S: SERVICE CONVEYING SYSTEMS
	SERVICE CONVEYING SYSTEMS
LINE '	T: SERVICE PRIME MOVERS
	MAINTAIN AND TROUBLESHOOT ELECTRIC MOTORS USE TOOLS AND EQUIPMENT FOR MAINTENANCE OF INTERNAL COMBUSTION ENGINES USE TOOLS AND EQUIPMENT FOR MAINTENANCE OF TURBINES
	V: PERFORM COMMISSIONING AND DECOMMISSIONING QUIPMENT
	DESCRIBE AND PERFORM COMMISSIONING PROCEDURES
Supervisor	r Signature

NOTES FROM LEVEL 4
Note:

MISSING COMPETENCIES?

gain the experience needed.

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

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
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Date Completed:	Training Provider:
Mark:	Instructor:

Level 2

Date Completed:	Training Provider:
Mark:	Instructor:

Level 3

Date Completed:	Training Provider:
Mark:	Instructor:

Level 4

Date Completed:	Training Provider:
Mark:	Instructor:

COMPLETION REQUIREMENTS

Instructions

Keep a record of each program completion requirement achieved.

INDUSTRIAL MECHANIC (MILLWRIGHT)

☐ Level 1 - Technical Training
☐ Level 2 - Technical Training
☐ Level 3 - Technical Training
☐ Level 4 - Technical Training
☐ 6,360 Work-Based Training Hours
☐ ITA Interprovincial Red Seal examination ☐ Recommendation for Certification signed by sponsor

Note: After all other completions 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