



**Skilled
Trades**
Ontario

**Métiers
spécialisés**
Ontario

Apprenticeship
Training Standard
Logbook

Reinforcing Rodworker

452A

2013

Apprenticeship Training Standard

The Apprenticeship Training Standard or herein after referred to as “Logbook” is a document issued to Apprentices who sign a Registered Training Agreement in the Province of Ontario as an official record of training. It is to be used by the Apprentice and Sponsor/trainer to guide the process of skills development in a particular trade.

Training As An Apprentice

- ✓ Ensure you, your sponsor, and your witness sign a Training Agreement with the Ministry of Labour, Immigration, Training and Skills Development. Once it is registered, you will receive a copy of the registered Training Agreement for your records.
- ✓ Notify the local Service Delivery Office **immediately** if any changes to contact information or training agreement, especially if you change sponsors.
- ✓ Review the Logbook regularly with your trainer and sponsor to discuss your progress, ask questions, seek feedback and have the trainer **sign-off on competencies**
- ✓ Keep an accurate record of the hours you work.
- ✓ Attend classroom training when it is offered.
- ✓ Apply for the financial incentives for which you are eligible.



Completing Your Logbook

- ✓ **Complete the Sponsor Record Form** – A form must be completed for each Sponsor/Trainer used during your apprenticeship.
- ✓ **Confirm Skill Sign-off is Complete**
 - **You and your trainer** sign-off each required skill to confirm that you have demonstrated competency in that skill.
 - Shaded boxes in your Logbook mean the skills are optional and do not have to be confirmed by your trainer or sponsor. However, you are encouraged to complete them as part of your training.
- ✓ **Confirm Skill Set Sign-off is Complete**
 - After you and your trainer have signed-off all the required skills in a skill set, your sponsor signs the signature box on the form in **Appendix C – “Skill Set Completion for Sponsors”** to confirm your completion of all competencies within each skill set.

This document is the property of the apprentice named inside and represents the official record of your training. For information about completing your apprenticeship, see inside of back cover.



Apprentice Name: _____

Address: _____

Phone Number: _____

Email Address: _____

Trade: _____

Training Agreement # (for Compulsory and Non-Compulsory trades):

STO Account No. (for Compulsory trades only):

This document is the property of the Apprentice named herein and represents the official record of their training.

If you have questions about the use of this Logbook or about your Apprenticeship program, contact your local Service Delivery Office (see Appendix D in this book) or the Employment Ontario hotline at: 1-800-387-5656.

Apprenticeship Pathway to a Certificate of Qualification

Phase 1: Registration

Submit Application for Apprenticeship Training through the on-line portal or to local Service Delivery Office

For on-line portal, please follow instructions for registration. You will need to create a *My Ontario* account to access online services.

Training agreement signed and registered by both apprentice and sponsor

Access your Apprenticeship Training Standard Logbook**
skilledtradesontario.ca/about-trades/trades-information

** This is the official record of your training progress. You are responsible for keeping it up-to-date.

Complete on-the-job training

Demonstrate and receive sign-off on the competencies/skills in your Apprenticeship Training Standard Logbook

Complete in-school training

Attend and complete the in-class training set out in the Curriculum Training Standard

Apprentices eligible to apply for apprenticeship incentive grants (Red Seal trades) and loans.

Review and finalize your logbook with your sponsor

Submit proof of apprenticeship completion via email, in-person or digital portal

Your Apprenticeship Training Standard Logbook details completion requirements. Submit the following:

- completed Apprenticeship Training Standard Logbook with signatures
- proof of hours

Certificate of Apprenticeship is issued

Trades without examination

CofA is the final step of the program

Trades with examination (compulsory and non-compulsory trades)*

Provisional Certificate of Qualification issued for a 12 month term

To prepare for the CofQ examination download the Provincial and/or Red Seal Exam preparation guides.

Make payment for your Certificate of Qualification examination

Call to make a payment (647-847-3000 or 1-855-299-0028)

Schedule a date to write your Examination

To schedule your examination, contact your local Service Delivery Office.

Pass Certificate of Qualification examination

Apprentices eligible to apply for Apprenticeship Completion Grant (Red Seal trades) or Apprentice Completion Bonus (non-Red Seal)

Certificate of Qualification is issued

Upon completion, Sponsors may be eligible for Apprenticeship grants, incentives, bonuses or tax credits

Phase 2: Apprenticeship

Phase 3: Certification

* For a list of trades subject to a certification examination, visit: skilledtradesontario.ca

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Please Note: This Standard has been revised to reflect the visual identity of Skilled Trades Ontario (STO) which replaced the Ontario College of Trades on January 1, 2022. The content of this Standard may refer to the former organization; however, all trade specific information or content remains relevant and accurate based on the original date of publishing.

Please refer to STO's website: skilledtradesontario.ca for the most accurate and up to date information. For information about BOSTA and its regulations, please visit [Building Opportunities in the Skilled Trades Act, 2021 \(BOSTA\)](#).

Any updates to this publication are available on-line; to download this document in PDF format, please follow the link: [Skilled Trades Ontario.ca](http://SkilledTradesOntario.ca).

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Maintained with transfer to Skilled Trades Ontario 2013 (V100)

Foreword: Purpose, Terms and Conditions of the registered Training Agreement

Purpose:

- Prior to starting official apprenticeship activities, the apprentice, sponsor and a witness are required to sign a Training Agreement.
- The Training Agreement that you have signed is an important legal document that outlines your responsibilities as an apprentice and the responsibilities of your sponsor.
- Once registered, this training agreement (or contract) marks the start of your formal agreement between the apprentice, the sponsor and the Ministry.
- For compulsory trades, the apprenticeship registration document must be accessible when working.

The Apprentice agrees:

- **To inform the local Service Delivery Office of any change to your contact information or change in sponsor within 7 days;**
- To follow the Sponsor's and Trainer's lawful instructions and make every effort to acquire the skills identified in the Logbook for the Trade which is part of the apprenticeship program established by Skilled Trades Ontario for the trade;
- To obtain written verification from the Sponsor and the Trainer(s) that the requirements in the Logbook for the trade have been met.
- When you receive an "Offer of Classroom Training", confirm your attendance by following the instructions in the offer. Failure to do so may result in losing your opportunity to attend school which delays the completion of your apprenticeship.

The Sponsor agrees:

- To ensure that the Apprentice is provided with the training required as part of the apprenticeship program established by Skilled Trades Ontario for this trade;
- To review the progress of training with the Apprentice, and with the Trainer(s) where the Sponsor and the Trainer are not the same party.
- Release your apprentice from work to attend in-school training without penalty to the apprentice.
- To maintain the journeyman/apprentice ratio for your trade, if applicable.
- To monitor their apprentice(s) progress
- To ensure that the Trainer(s) verifies, in writing, when each skill identified in the Logbook for the trade has been successfully completed by the Apprentice;
- To contact the Ministry should any changes in your capacity to train, your contact information, or your apprentice's status in the program change.

Trade Specific Resources and Links

| Trade Specific Resource | Link |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Red Seal Program | red-seal.ca |
| Apprenticeship in Ontario | ontario.ca/page/apprenticeship-ontario |
| Employment Ontario | employmentontario.ca |
| Service Canada | servicecanada.gc.ca |
| <i>Building Opportunities in the Skilled Trades Act, 2021</i> | Building Opportunities in the Skilled Trades Act, 2021, S.O. 2021, c. 28 - Bill 288 (ontario.ca) |
| Ministry of Labour, Immigration, Training and Skills Development | Ministry of Labour, Immigration, Training and Skills Development ontario.ca |
| Exam Preparation Guide | Exam Resources – Skilled Trades Ontario |
| Skills Zone (Ontario Skills Passport) | http://www.skillszone.ca/ |

**Please note, all website addresses are current at time of printing*

Methodology-Standard Development

A standard is developed with a broad group of trade representatives who form the initial working group. This includes subject matter experts/ tradespeople/ instructors and employers from a cross section of the sector/industry, with varying years of work experience in the field. The working group reviews, develops and recommends revision to the content of the standard. Their role also involves harmonizing and updating other supporting content for the product.

An essential part of the standard development is the validation process. This is the opportunity to have a broader representation of the sector provide feedback on the content of draft standard. This process is conducted in various ways and may include sending out a survey or the draft document (or both) directly to the sector. The comments received are reviewed by the working group and revisions are made as required based on a consensus model.

The technical and work processes that this apprenticeship program occupation/trade performs have been reviewed to include requirements for emerging “green” technologies, managing surplus, or scrap materials, conservation and preventing spills or escape of contaminated, toxic or hazardous gases and waste.

As apprenticeable trades and occupations are more mindful of the need for environmental sustainability, they are adopting materials, tools and procedures that offer environmental harm reduction.

Introduction to the Logbook

This “on-the job” Logbook is the training standard for Reinforcing Rodworker 452A and was developed by Skilled Trades Ontario in consultation with representatives from industry. It identifies all the skills associated with and required to learn the trade.

The Logbook is divided into skill sets, which are further divided into skills. These skill sets and skills are written in statements that describe what the Apprentice must perform and to what standard, in order to be considered competent in that skill.

The successful performance of these skills is tracked in the Logbook. Once achieved, this skills’ sign-off, along with the completion of in-school program requirements or equivalent, is how the apprenticeship program is completed and apprentices receive a Certificate of Apprenticeship.

The Sponsor/trainer and Apprentice are required to sign-off and date each skill after the Apprentice has demonstrated proficiency in these skills. However, if a skill is shaded, it is optional and does not need to be signed-off, though it has been defined as a part of the scope of practice for the trade.

All practices described in this standard must be performed by the apprentice according to the specific criteria identified. In general, the standard of performance for this trade is to be performed according to all applicable jurisdictional codes and standards and all health and safety standards must be respected and observed.

All skills within the Apprenticeship Training Standard are to be performed, as applicable, according to and in compliance with the following:

- Occupational Health and Safety Legislation and Regulations;
- Other applicable legislation, regulation, codes and standards;
- Industry best practices;
- Company policies and procedures.

The information presented in this standard is, to the best of our knowledge, current at time of printing and is intended for general application. Please refer to the Skilled Trades Ontario website for the most accurate and up-to-date information: skilledtradesontario.ca

Roles and Responsibilities

Under the [Building Opportunities in the Skilled Trades Act, 2021 \(BOSTA\)](#)

Skilled Trades Ontario (STO) is responsible for:

- Establishing and maintaining qualifications;
- Establishing Apprenticeship Programs and other training programs including training Standards, curriculum standards and certifying examinations;
- Issuing certificates for the purposes of this Act such as Certificates of Qualification;
- Maintaining a Public Registry for compulsory trades skilledtradesontario.ca/public-register/;
- Determining whether the experience and qualifications obtained by applicants for a certificate of qualification who do not complete an apprenticeship are equivalent to those received through completing an apprenticeship (Trade Equivalency Assessments)
- Promoting the skilled trades and conducting research.
- Conducting research and evaluate whether a trade should be prescribed as a trade for the purposes of this Act and to make recommendations on these matters to the Minister.

Ministry of Labour, Immigration, Training and Skills Development (MLITSD)

is responsible for:

- Classifying trades as compulsory trades;
- Prescribing scopes of practice for trades;
- Approving which persons may provide in-class training for apprenticeship programs (TDAs);
- Registering Training Agreements;
- Providing those who successfully complete an apprenticeship program with a certificate of apprenticeship (CofA);
- Administering examinations, including certifying examinations;
- Promoting the skilled trades and conducting research;
- Exercising such other powers and perform such other duties and functions as are provided for in this Act or the regulations.

For any matter related to your registered Training Agreement or completing your apprenticeship, you must contact your local Service Delivery Office.

Roles and Responsibilities of the Apprentice

An Apprentice is an individual who has entered into a registered Training Agreement (refer to Foreword: *“Purpose, Terms and Conditions of TA” page 1*) with a Sponsor to receive training in a trade as part of an apprenticeship program established by Skilled Trades Ontario. As an Apprentice, you have certain roles and responsibilities to follow throughout your apprenticeship training:

1. As an Apprentice, you signed the Training Agreement and have entered into a contract with the Ministry of Labour, Immigration, Training and Skills Development and your Sponsor.
2. If you are registered as an Apprentice in a compulsory trade, your name will automatically appear in the Skilled Trades Ontario Public Register.
3. You are responsible for informing the staff at your local Service Delivery Office regarding changes to the following:
 - Your Sponsor’s address;
 - Your name and address; and/or,
 - Your Sponsor, including starting employment with a new Sponsor
4. As an Apprentice, you are responsible for completing skills or skill sets in this Logbook (as detailed in the *“Eligibility for Apprenticeship Program Completion”* section of this document) and ensuring that they are dated and signed by both you and your Trainer.
5. Once you have demonstrated competency in all the mandatory skills and received a sign off on each skill by your sponsor/trainer, you must have the Skill Set Completion Form completed and signed by your current Sponsor.
6. Submit your Logbook to your local Service Delivery Office.
7. Present your Apprentice Completion Form (Please refer to Appendix B), along with your authorized Logbook to your local Service Delivery Office.

Roles and Responsibilities of Sponsors and Trainers

Sponsors are responsible for ensuring all terms are met as per the registered Training Agreement. They are named on the registered Training Agreement as the entity responsible for ensuring Apprentices receive the training required as part of an apprenticeship program. As a signatory to this agreement, they are designated as the 'Signing Authority' for the Apprentice's Skill Set Completion Form and are required to attest to successful achievement by signing the appropriate box at the completion of each skill set. Some sponsors may also act as the Trainer.

A **Trainer** is an individual who oversees the performance of a task and sets the workplace expectations and practices for the Apprentice.

In compulsory trades, a Trainer must hold a valid Certificate of Qualification and be registered with Skilled Trades Ontario.

In non-compulsory trades, a Trainer is an individual who holds one of the following:

- A Certificate of Qualification;
- A Certificate of Apprenticeship in the trade; or,
- Has completed both the workplace-based training (competencies and/or hours as applicable) and classroom training components of the trade's apprenticeship program; or,
- Has workplace experience equivalent to the apprenticeship program) and has the skills outlined in the Logbook.

Competency means being able to perform to the required standard (please refer to "*Introduction to the Logbook*"). Trainers/Sponsors and Apprentices are required to sign-off and date the skills in the Logbook following each successful acquisition. The Logbook forms a record of this achievement.

The Trainer must provide their signature based on their assessment and professional judgment that the apprentice is competent in the skills described above. The Trainer's signature is not a general warranty or guarantee of the apprentice's future conduct.

Sponsors participating in this training program will be designated as the Signing Authority and are required to attest to successful achievement by signing the appropriate box included at the end of each skill set.

Health and Safety

Safe working procedures and conditions, accident prevention and the preservation of health are of primary importance for apprenticeship programs in Ontario. These responsibilities are shared and require the joint efforts of government, sponsors, employers, supervisors, workers, apprentices and the public to achieve the goal of making Ontario's workplaces safe and healthy.

The [Occupational Health and Safety Act](#) (OHSA) provides us with the legal framework and the tools to do this. It sets out the rights and duties of all parties in the workplace, placing ultimate responsibility on the employer for the health and safety of workers (in this case apprentices) by ensuring procedures, controls, and training are established for dealing with workplace hazards. Therefore, it is imperative that all parties become aware of circumstances that may lead to injury, illness or harm. Safe learning experiences and environments can be created by controlling the variables and behaviours that may contribute to or cause an accident injury or illness.

A sponsor who is not the employer is reminded that the employer has legal responsibilities respecting health and safety over the apprentice who is their worker. The sponsor should encourage safe work habits and adherence to the employer's occupational health and safety requirements for the workplace.

It is generally recognized that a positive attitude about safety in partnership with health and safety competency contributes to an accident-free environment. Everyone will benefit as a result of a healthy attitude towards the prevention of accidents.

Workers and apprentices can be exposed to a multitude of hazards and, therefore, should be familiar with the Occupational Health and Safety Act and regulations.

The Internal Responsibility System:

One of the primary purposes of the Occupational Health and Safety Act (OHSA) is to facilitate a strong Internal Responsibility System (IRS) in the workplace. To this end, the OHSA lays out the duties of employers, supervisors, workers, apprentices, constructors and workplace owners.

Workplace parties' compliance with their respective statutory duties is essential to the establishment of a strong IRS in the workplace.

Simply put, the IRS means that everyone in the workplace has a role to play in keeping workplaces safe and healthy. Workers and apprentices in the workplace who see a health and safety problem such as a hazard or contravention of the OHSA in the workplace have a statutory duty to report the situation to the employer or a supervisor. Employers and supervisors are, in turn, required to address those situations and acquaint workers with any hazard in the work that they do.

The IRS helps support a safe and healthy workplace. In addition to the workplace parties' compliance with their legal duties, the IRS is further supported by well-defined health and safety policies and programs, including the design, control, monitoring and supervision of the work being performed.

Roles and Responsibilities under the Occupational Health and Safety Act

Employer's Responsibilities include but are not limited to the following:

- Instruct, inform and supervise workers and apprentices to protect their health and safety.
- Appoint competent persons as supervisors.
- Inform a worker, apprentice, or a person in authority, about any hazard in the workplace and train them in the handling, storage, use, disposal and transport of any equipment, substances, tools, material, etc.
- Take every precaution reasonable in the circumstances for the protection of a worker/apprentice.
- In workplaces in which more than five workers are regularly employed, prepare and post a written occupational health and safety policy and set up and maintain a program to implement it.
- Prepare and post policies with respect to workplace violence and workplace harassment and develop programs supporting workplace harassment and workplace violence policies.
- Ensure knowledge of applicable legislative, regulatory, codes and standards so requirements to be followed are clear to all workers/apprentices.

Trainer/Supervisor Responsibilities include but are not limited to the following:

- Ensure that a worker or apprentice works in compliance with the Act and regulations.
- Ensure that any equipment, protective device or clothing required by the employer is used or worn by the worker or apprentice.
- Advise a worker/apprentice of any potential or actual health or safety dangers known by the supervisor.
- Take every precaution reasonable in the circumstances for the protection of workers.

Worker/Apprentice Responsibilities include but are not limited to the following:

- Work in compliance with the Act and regulations.
- Use or wear any equipment, protective devices or clothing required by the employer.
- Report to the employer or supervisor any known missing or defective equipment or protective device that may endanger the worker or another worker.
- Report any hazard or contravention of the Act or regulations to the employer or supervisor.
- Not remove or make ineffective any protective device required by the employer or by the regulations.
- Not use or operate any equipment or work in a way that may endanger any worker.

The Three Rights of Workers/Apprentices

The OHSA gives workers and apprentices three important rights:

1. The right to know about hazards in their work and get information, supervision and instruction to protect their health and safety on the job.
2. The right to participate in identifying and solving workplace health and safety problems either through a health and safety representative or a worker member of a joint health and safety committee.
3. The right to refuse work that they believe is dangerous to their health and safety or that of any other worker in the workplace.

For construction projects applying to construction trades a Constructor is also identified

On all projects, either the owner or someone hired by the owner is the constructor.

The intent of the Occupational Health and Safety Act is to have one person with overall authority for health and safety matters on a project. This person is the constructor of the project.

The constructor is the party with the greatest degree of control over health and safety at the entire project and is ultimately responsible for the health and safety of all workers and apprentices. The constructor must ensure that all the employers, apprentices and workers on the project comply with the Act and its regulations.

Constructor's duties include the following:

- To ensure that the measures and procedures in the Act and regulations are carried out.
- To ensure that every employer, apprentice and worker on the project complies with the Act and regulations.
- To ensure that the health and safety of workers/apprentices on the project are protected.

Ministry of Labour, Immigration, Training and Skills Development

The Ministry of Labour, Immigration, Training and Skills Development conducts periodic inspections of workplaces to ensure that safety acts and regulations are being followed. Please direct any questions to the Occupational Health and Safety Contact Centre at 1-877-202-0008.

Apprenticeship Program Summary/Guidelines

Scope of Practice

The Scope of Practice for the trade of Reinforcing Rodworker is set out in section 117 of Ontario Regulation 875/21 under BOSTA and reads as follows:

117. (1) The scope of practice for the trade of reinforcing rodworker includes the following:

1. Fabricating, handling, sorting, cutting, bending, rigging, placing, burning, welding, stressing, grouting and tying of all material used to reinforce concrete constructions, including reinforcing bars, welded wire mesh and post tensioning systems.
2. Installing mechanical splices for reinforcing steel bars and performing cad and thermite welding for the splicing of reinforcing steel bars.
3. Reading and interpreting all structural and placing drawings and bar lists that are related to the work described in paragraphs 1 and 2.

(2) The scope of practice for the trade of reinforcing rodworker does not include work performed as part of fabricating or assembling materials in an industrial plant.

*While the Logbook draws on the scope of practice regulation (Section 117 of Ontario Regulation 875/21 under BOSTA). The Logbook does not purport to add to or modify the scope of practice as provided in regulation. *

Program Guidelines

On-the-Job Training Duration

Industry has identified 3640 hours as the benchmark necessary for any Apprentice to become competent in the skills required. There may be circumstances in which the duration varies from this guideline.

In-Class Training Duration

Industry has identified 360 hours of in-school training as the duration necessary for an Apprentice to complete the in-school curriculum for this program.

Total Training Hours

4000 hours

Journeyman to Apprentice Ratio

Ratios in Regulation:

If a trade has been prescribed as being subject to an apprentice to journeyman ratio, the number of apprentices who may be sponsored or employed by a person in the trade in relation to the number of journeymen employed or otherwise engaged by the person in the trade **shall not exceed one apprentice for each journeyman**; Further information can be found in the Apprenticeship section of the Government of Ontario website at ontario.ca/page/hire-apprentice

Program Requirements

Compulsory and Non-compulsory Classification

Regulations under the *Building Opportunities in the Skilled Trades Act, 2021*, classify each trade as either “compulsory” or non-compulsory.” This trade is non-compulsory.

It is the responsibility of an Apprentice to maintain a training record in the form of a Logbook. The Sponsor and Trainer are required to sign-off when competencies in the trade are achieved.

Skills for Success Summary

Skills for Success are needed in a quickly changing world for work, learning and life. They are foundational for building other skills and important for effective social interaction.

Everyone benefits from having these skills as they help individuals get a job, progress at their current job and change jobs. They also help individuals become active members of their community and succeed in learning.

Through extensive research and consultations, the Government of Canada launched the new Skills for Success model renewing the previous Essential Skills framework to better reflect the needs of the current and future labour market.

The occupational specific Essential Skills profiles are available online. These will be updated over time to align with the new Skills for Success model found here: [Skills for Success model](#)

Standard of Performance

In general, the standard of performance for the trade of Reinforcing Rodworker are to be performed, as applicable, according to and in compliance with the following:

Industry Safety Standards which are based upon:

- Occupational Health and Safety Legislation and Regulations;
- Jurisdictional legislation and regulations, codes and standards (municipal bylaws etc.)
- Company policies and procedures
- All applicable manufacturers specifications and engineering specifications

Other Suggested or Required Certification(s) and Training

While an apprentice receives health, safety and occupational specific training and/or certification in a variety of fields during their apprenticeship, it is important to be aware that other occupational health and safety training and certification renewal or updating may also be required during their career before performing new types of work.

Training the Apprentice - Tips for Apprentices, Sponsors and Trainers

Tips for Apprentices

Remember, it takes time to learn. The following is a list of additional tips and tools to help make the most of your apprenticeship training:

- Practice safe work procedures early to create good habits;
- Use your Logbook as a journal to keep track of the skills you have achieved;
- Review your training plan with your Training Consultant, Trainer, or Sponsor;
- Discuss your training needs with your Trainer and/or Sponsor;
- Listen to the suggestions of your Trainer;
- Ask your Trainer questions if you are unsure of any skill you need to perform or any tools or equipment you need to use to perform your duties;
- Show enthusiasm and develop good work habits; and,
- Upon demonstration of competency, ensure that you and your Trainer sign-off the individual skills.

To get the most from this mentoring experience, request exposure to the full scope of the trade; meet regularly with your Sponsor/Trainer to discuss your progress, ask questions and seek feedback.

Tips for Sponsors

- Select Trainers with good communication skills and who work well with others;
- Ensure that the Apprentice always works under the direction of or has access to a qualified Trainer;
- Encourage Trainers to take upgrading courses (e.g. Train the Trainer, Mentor, Coach, etc.);
- Set out clear expectations and involve both the Apprentice and Trainer in developing the training plan
- Encourage safe work habits;
- Allow time for the Trainer to train and demonstrate skills to the Apprentice;
- Provide opportunities and time for the Apprentice to learn the trade;
- Ensure that the Apprentice receives the varied on-the-job trade training experience outlined in this document;
- Recognize good performance;
- Observe frequently;
- Provide constructive feedback and conduct regular performance reviews involving the Apprentice and Trainer;
- Use the Logbook as a monitoring tool and a part of regular performance evaluations; and,
- Complete the Skill Set Completion Form once the Apprentice has demonstrated competency in the skills.

- The detailed content listed for each skill is not intended to represent an inclusive list; rather, it is included to illustrate the intended direction for the skill acquisition.

Tips for Trainers

Trainers are responsible for ensuring the Apprentice is developing the skills outlined in this document. Here is a list of tips and tools to help Trainers in their supervision of Apprentices:

- Demonstrate model safe work habits;
- Provide opportunities and time for the Apprentice to learn the trade;
- Treat Apprentices fairly and with respect;
- Review the Logbook with the Apprentice and develop a training plan;
- Set out clear expectations and recognize good performance;
- Expose Apprentices to the full scope of the trade by providing training on the skills outlined in this document;
- Encourage and respond to all questions;
- Be patient;
- Explain, show and demonstrate the skill;
- **Meet regularly with the Apprentice to discuss the apprentice's progress**
- Provide continuous feedback;
- Sign-off skills when your Apprentice demonstrates competency, and,
- Use the Logbook as a guide to evaluate competence in each skill area. By using the Logbook, Trainers will be able to guide the process to and assist Apprentices to develop skills outlined in this document.

The best mentoring experience is when an Apprentice is given as much training/exposure to the full scope of the trade as possible. If this is not possible, help them to determine other ways this may be possible.

Notice of Collection of Personal Information

1. At any time during your apprenticeship training, you may be required to show this Logbook to the local Service Delivery Office. You will be required to submit the signed Apprenticeship Completion form to the Service Delivery Office in order to complete your program. The Service Delivery Office will use your personal information to administer and finance Ontario's apprenticeship training system, including confirming your completion and issuing your Certificate of Apprenticeship.
2. The Service Delivery Office will disclose information about your program completion and your Certificate of Apprenticeship to Skilled Trades Ontario, as it is necessary for Skilled Trades Ontario to carry out its responsibilities.
3. Your personal information is collected, used and disclosed by the Ministry of Labour, Immigration, Training and Skills Development under the authority of the *Building Opportunities in the Skilled Trades Act, 2021 (BOSTA)*.
4. Questions about the collection, use and disclosure of your personal information by the Ministry may be addressed to the:

Manager, Employment Ontario Contact Centre
Ministry of Labour, Immigration, Training and Skills Development
33 Bloor St. E, 2nd floor, Toronto, Ontario M7A 2S3
Toll-free: 1-800-387-5656; Toronto: 416-326-5656
TTY: 1-866-533-6339 or 416-325-4084

List of Trainers

| Trainer's Name (Please Print) | Trainer's Signature | Date of start with Trainer (day/month/year) |
|------------------------------------------|----------------------------|------------------------------------------------------------|
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0911.0 Protect Self and Others

General Performance Objective

Protect self and others by: wearing personal protective equipment (PPE; lifting equipment and materials; applying housekeeping rules interpreting warning signs, labels and symbols; reporting hazards to supervisor and safety personnel; maintaining safety devices and equipment; responding to emergency situations; operating construction equipment; maintaining construction equipment; inspecting platforms, ladders and working surfaces; installing and securing platforms, ladders and working surfaces; maintaining platforms, ladders and working surfaces; preventing fires; and communicating with co-workers in the workplace

Performance Objectives

Skills

0911.01 Wear personal protective equipment (PPE), including safety vests, head, ear, eye, hand, foot and respiratory protection, according to the *Occupational Health and Safety Act (OHSA)* and company policies, in order to ensure fit and optimum protection of self and others.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0911.02 Lift equipment and materials, manually, using posture and lifting techniques, in order to move material and equipment in a safe and efficient manner and to prevent personal injury.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.03 Apply housekeeping rules, by removing all obstacles and impediments, in order to maintain a safe work area.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.04 Interpret warning signs, labels and symbols, by inspecting the work area regularly, according to the Workplace Hazardous Materials Information System (WHMIS), in order to determine any danger to self and others.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.05 Report hazards to supervisory and safety personnel, promptly and efficiently, in order to prevent injury to self and others.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.06 **Maintain safety devices and equipment**, by inspecting, adjusting and maintaining regularly and providing care, according to manufacturer’s specifications, in order to ensure safe and efficient operation and to protect self and others from injury.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.07 **Respond to emergency situations**, by identifying the danger, notifying others and taking corrective action, according to the *OHSA*, company procedures and the Infrastructure Health & Safety Association: Construction Health and Safety Manual, in order to prevent injury to self and others.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

U0891.08 **Operate construction equipment**, by inspecting and maintaining regularly, according to the *OHSA*, manufacturer’s instructions and established industry practices, in order to protect self and others from injury.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.09 **Maintain construction equipment**, by inspecting regularly and providing care at all times, according to the *OHSA* and manufacturer specifications, in order to ensure safe and efficient operation and to protect self and others from injury.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.10 **Inspect platforms, ladders and working surfaces**, according to the *OHSA* and manufacturer specifications, in order ensure safe work area to prevent injury to self and others.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.11 **Install and secure platforms, ladders and working surfaces**, ensuring that power elevated working platforms are certified for use and operators are certified, by inspecting and maintaining regularly, according to the *OHSA* and manufacturer specifications, in order to protect self and others from injury.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.12 **Maintain platforms, ladders and working surfaces**, by inspecting regularly and providing care, according to the *OHSA* and manufacturer specifications, in order to protect self and others from injury.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.13 **Prevent fires**, by inspecting the work area, identifying potential or actual hazards, obtaining required permits and fire extinguishing equipment and using barriers, blankets and a fire watch assistant, in order to prevent injury to self and others.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.14 **Communicate with co-workers in the workplace**, at all times and warning co-workers of hazards or potential hazards, in order to ensure safe workplace and to prevent injury to self and others.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0911.15 **Stress tendons**, by ensuring adequate platform working area and easy access to the work location, in order to prevent exposure of self and others to injury from tendon breakage behind back anchors.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0912.0 Plan, Prepare and Set Up for Job

General Performance Objective

Plan, prepare and set up for job by: reading and interpreting drawings and specifications; planning tasks; determining installation procedures and sequences; setting up equipment; unloading, sorting/shaking out and staging inventory materials; setting up and operating manual and power bending equipment.

Performance Objectives

Skills

0912.01 Read and interpret drawings and specifications, including structural, mechanical, architectural, ornamental, fabrication, placing, bar list, tendon profile and welding blueprints, diagrams, sections, details and specific procedures, before commencing task operations, in order to identify tasks to be performed and to determine required assembly, installation and erection materials and sequence.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0912.02 Plan tasks, by preparing and scheduling tasks and determining required personnel, materials and equipment, according to drawings and specifications, to ensure safe and efficient performance of the tasks.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0912.03 Determine installation procedures and sequences, by conducting pre-installation task analyses to confirm availability of materials for installation, site conditions and access, and available personnel and equipment, in order to ensure safe and efficient installation.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0912.04 Set up equipment, using space, materials and personnel, in order to ensure timely commencement of task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0912.05 Unload, sort/shake out and stage inventory materials, as required, in order to prepare for timely, safe and efficient assembly, installation and erection.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0912.06 **Set up manual and power bending equipment**, according to the *OHSA* and manufacturer specifications, in order to prepare materials for installation and fabrication by straightening, cutting, bending and shaping to the bend diameters and dimensions required for installation.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0912.07 **Operate manual and power bending equipment**, according to the *OHSA* and manufacturer specifications, in order to prepare materials for installation and fabrication by straightening, cutting, bending and shaping to the bend diameters and dimensions required for installation.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.0 Operate and Maintain Hand and Power Tools and Aerial Work Platforms

General Performance Objective

Operate and maintain hand and power tools and aerial work platforms by: identify hand tools; selecting hand tools; using hand tools; maintaining hand tools; identifying power tools; selecting power tools; operating power tools; maintaining power tools; identifying oxygen and fuel gas equipment; selecting oxygen and fuel gas equipment, maintaining oxygen and fuel gas equipment; identifying oxygen and fuel gas equipment; selecting oxygen and fuel gas equipment; operating oxygen and fuel gas equipment; maintaining oxygen and fuel gas equipment; identifying post-tensioning equipment; selecting post-tensioning equipment; setting up and adjusting post-tensioning equipment; operating post-tensioning equipment; maintaining post-tensioning equipment; identifying aerial work platforms; selecting aerial work platforms; setting up aerial work platforms; operating aerial work platforms; and maintaining aerial work platforms

Performance Objectives

Skills

0913.01 Identify hand tools, including bolt cutters, pliers, side cutters, wire reels, box cutters and measuring tapes, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0913.02 **Select hand tools**, including bolt cutters, pliers, side cutters, wire reels, box cutters and measuring tapes, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.03 **Use hand tools**, including bolt cutters, pliers, side cutters, wire reels, box cutters and measuring tapes, according to manufacturer's drawings and specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.04 **Maintain hand tools**, including bolt cutters, pliers, side cutters, wire reels, box cutters and measuring tapes, according to manufacturer's drawings and specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.05 Identify power tools, including shears, electric drills, hammer-drills, quick cut saws, grinders, and electric or pneumatic impact wrenches, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.06 Select power tools, including shears, electric drills, hammer-drills, quick cut saws, grinders, and electric or pneumatic impact wrenches, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.07 Operate power tools, including shears, electric drills, hammer-drills, quick cut saws, grinders, and electric or pneumatic impact wrenches, according to manufacturer's drawings and specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.08 **Maintain power tools**, including shears, electric drills, hammer-drills, quick cut saws, grinders, and electric or pneumatic impact wrenches, according to manufacturer’s drawings and specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.09 **Identify oxygen and fuel gas equipment**, according to the *OHSA* and manufacturer specifications, in order to produce accurate cuts on reinforcing steel free from excessive slag.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.10 **Select oxygen and fuel gas equipment**, according to the *OHSA* and manufacturer’s specifications, in order produce accurate cuts on reinforcing steel free from excessive slag.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.11 **Set up and adjust oxygen and fuel gas equipment**, according to the *OHSA* and manufacturer's specifications, in order produce accurate cuts on reinforcing steel free from excessive slag.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.12 **Operate oxygen and fuel gas equipment**, according to the *OHSA* and manufacturer's specifications, in order produce accurate cuts on reinforcing steel free from excessive slag.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.13 **Maintain oxygen and fuel gas equipment**, to according to the *OHSA* and manufacturer's specifications, in order produce accurate cuts on reinforcing steel free from excessive slag.

| | | |
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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.14 Identify post-tensioning equipment, including winches, hydraulic pumps, stressing jacks, shears, plasma cutters, and grout machines, according to manufacturer’s specifications, in order to ensure safe and efficient task performance.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.15 Select post-tensioning equipment, including winches, hydraulic pumps, stressing jacks, shears, plasma cutters, and grout machines, according to manufacturer’s specifications, in order to ensure safe and efficient task performance.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.16 Set up and adjust post-tensioning equipment, including winches, hydraulic pumps, stressing jacks, shears, plasma cutters, and grout machines, according to manufacturer’s specifications, in order to ensure safe and efficient task performance.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.17 Operate post-tensioning equipment, including winches, hydraulic pumps, stressing jacks, shears, plasma cutters, and grout machines, according to manufacturer’s specifications, in order to ensure safe and efficient task performance.

| | | |
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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.18 Maintain post-tensioning equipment, including winches, hydraulic pumps, stressing jacks, shears, plasma cutters, and grout machines, according to manufacturer’s specifications, in order to ensure safe and efficient task performance.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.19 Identify aerial work platforms, including scissor lifts, articulated boom lifts and scaffolding, according to the *OHSA* and manufacturer’s specifications, in order to ensure safe and efficient task performance

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.20 **Select aerial work platforms**, including scissor lifts, articulated boom lifts and scaffolding, according to the *OHS*A and manufacturer’s specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.21 **Set up aerial work platforms**, including scissor lifts, articulated boom lifts and scaffolding, according to the *OHS*A and manufacturer’s specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.22 **Operate aerial work platforms**, including scissor lifts, articulated boom lifts and scaffolding, according to the *OHS*A and manufacturer’s specifications, in order to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0913.23 **Maintain aerial work platforms**, including scissor lifts, articulated boom lifts and scaffolding, according to the *OHSA* and manufacturer's specifications, in order to ensure safe and efficient task performance.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.0 Rig and Hoist Materials and Equipment

General Performance Objective

Rig and hoist materials and equipment by: performing calculations; selecting slings; assembling slings; inspecting and maintaining slings; selecting rigging hardware; assembling rigging hardware; inspecting and maintaining rigging hardware; selecting hoisting equipment; assembling hoisting equipment; inspecting and maintaining hoisting equipment; reeving or lacing blocks; tying and rendering knots, hitches and bends; splicing fibre rope; and establishing hand, voice and radio communications with co-workers and equipment operators..

Performance Objectives

Skills

0914.01 Perform rigging and hoisting calculations, by determining the weight of the load, equipment capacity, location of components and place of installation, in order to ensure safe and efficient rigging and hoisting.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0914.02 Select slings, including the types and sizes, numbers and configurations of wire rope, natural and synthetic fibre and chain slings, according to the Rigging for Ironworkers manual, in order to prepare for safe and efficient lifting, moving and placing of load.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.03 Assemble slings, including the types and sizes, numbers and configurations of wire rope, natural and synthetic fibre and chain slings, according to the Rigging for Ironworkers manual, in order to prepare for safe and efficient lifting, moving and placing of load.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.04 Inspect and maintain slings, by checking operation of moving components, condition of fibre and wire ropes, chains and attachments, lubricating and replacing damaged parts, according to manufacturer's instructions and the Rigging for Ironworkers manual, in order to ensure safe, efficient and productive rigging and hoisting.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.05 Select rigging hardware, including the types and sizes, numbers and configurations of shackles, spreader beams, cable clips, hooks, eyebolts, turnbuckles and blocks, according to the Rigging for Ironworkers manual, in order to prepare for safe and efficient lifting, moving and placing of load.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.06 Assemble rigging hardware, including the types and sizes, numbers and configurations of shackles, spreader beams, cable clips, hooks, eyebolts, turnbuckles and blocks, according to the Rigging for Ironworkers manual, in order to prepare for safe and efficient lifting, moving and placing of load.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.07 Inspect and maintain rigging hardware, by checking operation of moving components, condition of fibre and wire ropes, chains and attachments, lubricating and replacing damaged parts, according to the manufacturer's instructions and the Rigging for Ironworkers manual, in order to ensure safe, efficient and productive rigging and hoisting.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.08 Select hoisting equipment, including the types and sizes, numbers and configurations of chain falls, come-a-longs, tirsors and tuggers, according to the Rigging for Ironworkers manual, in order to prepare for safe and efficient lifting, moving and placing of load.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.09 Assemble hoisting equipment, including the types and sizes, numbers and configurations of chain falls, come-a-longs, tirsors and tuggers, according to the Rigging for Ironworkers manual, in order to prepare for safe and efficient lifting, moving and placing of load.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.10 Inspect and maintain hoisting equipment, by checking operation of moving components, condition of fibre and wire ropes, chains and attachments, lubricating and replacing damaged parts, according to the manufacturer's instructions and the Rigging for Ironworkers manual, in order to ensure safe, efficient and productive rigging and hoisting.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.11 Reeve or lace blocks, according to the Rigging for Ironworkers manual, in order to ensure safe and efficient rigging.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.12 Tie and render knots, hitches and bends, using natural fibre and synthetic rope, according to the Rigging for Ironworkers manual, in order to tie off material, equipment and personnel in a safe and secured manner.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.13 Splice fibre rope, according to the Rigging for Ironworkers manual, in order to ensure safe working capacity.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0914.14 Establish hand, voice and radio communications with co-workers and equipment operators, including specific signals used for helicopter lifts, in order to convey instructions and information to facilitate assembly, erection and installation, and to protect self and others from injury.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.0 Place Reinforcing Materials

General Performance Objective

Place reinforcing materials by: identifying, selecting and sorting reinforcing materials; identifying, selecting, placing and tying reinforcing materials; identifying, selecting and installing bar supports; installing beams, columns and walls; placing and tying reinforcing materials for slab installations; placing and tying reinforcing materials for footings; pre-assembling reinforcing bar columns, beams, walls, cages and components; splicing reinforcing bars; hoisting, erecting, connecting and setting reinforcing bar assemblies; positioning, securing and installing welded wire fabric; and performing final inspection.

Performance Objectives

Skills

0915.01 Identify reinforcing materials, including steel, stainless steel, epoxy and galvanized coated, fibreglass and other composite material by size, length and type, according to the bar lists, placing drawings and structural drawings, in order to meet requirements of drawings and specifications.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0915.02 Select reinforcing materials, including steel, stainless steel, epoxy and galvanized coated, fibreglass and other composite material by size, length and type, in order to meet requirements of drawings and specifications.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.03 **Sort reinforcing materials**, including steel, stainless steel, epoxy and galvanized coated, fibreglass and other composite material by size, length and type, according to the bar lists, placing drawings and structural drawings, in order to ensure efficient and proper placement.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.04 **Place and tie reinforcing materials**, using tools and hardware, according to the drawings and Manual of Standards Practice of Reinforcing Steel Institute of Canada (RSIC), in order to ensure spacing, tolerances, ties, tie applications, tie sequences and concrete cover.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.05 **Identify bar supports**, including plastic, wire, concrete and rebar types, securing with ties, according to the drawings and RSIC Manual, to ensure proper installation of reinforcing materials and concrete cover.

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|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.06 **Select bar supports**, including plastic, wire, and concrete and rebar types, securing with ties, according to the drawings and RSIC Manual, in order to ensure proper installation of reinforcing materials and concrete cover.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.07 **Install bar supports**, including plastic, wire, concrete and rebar types, securing with ties, according to the drawings and RSIC Manual, to ensure proper installation of reinforcing materials and concrete cover.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.08 **Install reinforcing materials for beams, columns and walls**, using tools and hardware, bar supports, ties and platforms following required installation sequence, according to the drawings and the RSIC Manual, to ensure bar types, spacing, tolerances and concrete cover.

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| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.09 Place and tie reinforcing materials for slab installations, including two-way, one-way, waffle and joist slabs, using tools, hardware and bar supports, according to the drawings and RSIC Manual, to ensure bar types, spacing, tolerances and concrete cover.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.10 Place and tie reinforcing materials for footings, using field fabricated spacers, templates, concrete supports and welded supports, following sequence, according to the drawings and the RSIC Manual, in order to ensure bar types, spacing, tolerances and concrete cover.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.11 Pre-assemble reinforcing bar columns, beams, walls, cages and components, according to the drawings and the RSIC Manual, in order to ensure safe and efficient assembly.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.12 Splice reinforcing bars, including lap, mechanical or welded splices, according to the RSIC Manual, in order to ensure compliance with drawings and manufacturer's specifications.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.13 Hoist reinforcing bar assemblies, using hoisting and rigging equipment, according to the drawings and required procedures, in order to complete installations.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.14 Place reinforcing bar assemblies, using hoisting and rigging equipment, tools and hardware, according to drawings and procedures, in order to complete installations.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.15 **Position welded wire fabric**, using hand tools and components, according to drawings and the RSIC Manual, in order to ensure safe and efficient installation.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.16 **Secure welded wire fabric**, using hand tools and components, according to drawings and the RSIC Manual, to ensure safe and efficient installation.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0915.17 **Perform final inspection of reinforcing installations**, prior to a concrete pour, according to drawings, in order to ensure safe and efficient performance of task.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.0 Place Post-Tensioning and Bar Tendons

General Performance Objective

Place post-tensioning and bar tendons by: performing pre-installation procedure and layout; ordering work site materials and equipment for tendon placing operations; installing bearing plates and bursting steel; installing tendon and sheathing supports, chairs, sheathing and couplers; installing bonded post-tensioning cables in sheathing; installing unbonded post-tensioning cables on supports; assembling dead-end anchors; and performing final inspection of post-tensioning installations.

Performance Objectives

Skills

0916.01 Perform pre-installation procedure and layout, by locating and marking bearing plates and ordinate locations, using drawings, tendon charts and specifications, to ensure required accuracy and tolerances.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0916.02 Order work site materials and equipment, for tendon placing operations, according to drawings, tendon charts and specifications, in order to ensure selection and quantity.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.03 **Install bearing plates and bursting steel**, using hand and power tools and attaching grout hoses, according to the drawings and tendon charts and specifications, in order to ensure tendon type, location and tolerances.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.04 **Install tendon and sheathing supports, chairs, sheathing and couplers**, using hand and power tools and duct tape, installing grout vents at high points, according to drawings, tendon charts and specifications, in order to ensure spacing, ordinates, tolerances and concrete cover.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.05 **Install bonded post-tensioning cables in sheathing**, using equipment, hand and power tools, in order to ensure damage free installation of tendon type and cable projection for stressing operations.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.06 **Install unbonded post-tensioning cables on supports**, using hand tools and equipment, according to drawings and specifications, in order to ensure damage free installation and cable projection for stressing operations, spacing, ordinates, tolerances and concrete cover.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.07 **Assemble dead-end anchors**, using hand and power tools, in order to meet requirements of drawings and specifications.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0916.08 **Perform final inspection of post-tensioning installations**, prior to a concrete pour, in order to meet requirements of drawings and specifications.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.0 Stress and Grout Post-Tensioning and Bar Tendons

General Performance Objective

Stress and grout post-tensioning and bar tendons by: interpreting engineering instructions for bar and cable stressing and cable stress sequence, ordering work site materials and equipment for tendon stressing and grouting operations; installing anchor head and wedges and stressing plates; positioning stressing jacks and hydraulic pumps; applying stress to post-tensioning tendons; cropping cables to specified strand projection length; performing pre-grouting operations; and performing final grouting operations.

Performance Objectives

Skills

0917.01 Interpret engineering instructions, for bar and cable stressing and cable stress sequence, checking the calibration of stressing jacks and hydraulic gauges in preparation for stressing, in order to ensure compliance with drawings.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

*** A Trainer may be a Supervisor or the competent employee designated by the Apprentice's Sponsor.**

0917.02 Order work site materials and equipment, for tendon stressing and grouting operations, according to placing drawings and engineering instructions, in order to ensure selection and quantity.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.03 **Install anchor head, wedges and stressing plates**, according to engineering instructions, drawings and specifications, to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.04 **Select stressing jacks and hydraulic pumps**, according to manufacturer and engineering specifications to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.05 **Position stressing jacks and hydraulic pumps**, using hoisting or lifting techniques, to ensure safe and efficient task performance.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.06 Apply stress to post-tensioning and bar tendons, using a stressing jack connected to a hydraulic pump with pressure gauge, following stress sequence, to achieve the jacking forces specified by engineering instructions and placing drawings, in order to prepare tendon stressing reports.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.07 Crop cables to specified strand projection length, using cutting equipment, after approval of tendon stressing reports and installing grout hoses, in order to permit capping or pouring of anchor recess pockets.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.08 Perform pre-grouting operations, using an air compressor to ensure all grout hoses, vents and sheathing are free from obstruction, according to drawings, in order to facilitate the pumping of grout.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

0917.09 Perform final grouting operations, using a grout pump, by mixing specified grout materials with a high speed shear mixer and filling the sheathing with grout mixture, in order to meet requirements of drawings and specifications.

| | | |
|----------|-----------------------|----------------------|
| mm/dd/yy | Trainer Print Name | *Trainer Signature |
| mm/dd/yy | Apprentice Print Name | Apprentice Signature |

Definitions

Apprentice

- An individual who, pursuant to a registered Training Agreement, is receiving or is to receive training in a trade that is required as part of an apprenticeship program
- Holds a Training Agreement in either a compulsory or non-compulsory trade;
- Are subject to any ratios that have been set out in regulation and or recommended by industry for their trade(s);
- Remain as an Apprentice until they receive their Certificate of Apprenticeship

BOSTA

Building Opportunities in the Skilled Trades Act, 2021 (BOSTA)

Certificate of Apprenticeship (C of A)

A certificate issued to individuals who have demonstrated that they have completed an apprenticeship program in Ontario.

Certificate of Qualification (C of Q)

A certificate issued to an individual who has completed an apprenticeship or equivalent AND passed the Certificate of Qualification examination.

Competence

The ability of an individual to perform a skill, consistently without assistance, in the workplace as set out in the Logbook.

Competency Analysis Profile (CAP Chart)

A chart that identifies the training needs of an individual trade and details the skills/skill sets that must be demonstrated during an apprenticeship program.

Journeyman

Journeyman means an individual who holds a certificate of qualification (in a compulsory or non-compulsory trade) and/or an individual who practices as a journeyman in a non-compulsory trade who does not hold a certificate of qualification and has equivalent experience in that trade.

Mandatory Skill

Status assigned to unshaded individual skills, skill sets or general performance objectives which must be signed-off for the Apprentice to complete their program.

Optional Skill

Status assigned to shaded individual skills, skills sets or general performance objectives for which sign-off is not required for the Apprentice to complete the program.

Provisional Certificates of Qualification

- A Provisional Certificate of Qualification is issued to an individual who has obtained a Certificate of Apprenticeship (in both compulsory and non-compulsory trades) in a program that has a Certificate of Qualification examination, to which the individual has not yet passed the Certificate of Qualification examination.
- A Provisional Certificate of Qualification shall have the prescribed term or, if no term is prescribed, a term of one year.
- In a compulsory trade, the Provisional Certificate of Qualification allows a person to continue working legally in the trade for up to 12 months while they work to pass the certifying exam.
- Individuals with a Provisional Certificate of Qualification are subject to any ratios that have been set out for their trade(s).

Ratios

For the purpose of an Apprenticeship program, a ratio is the maximum number of Journeypersons to Apprentices. The purpose of ratios is to provide consistent supervision, training and continuity of work.

Red Seal Program

The Interprovincial Standards Red Seal Program (also known as the Red Seal Program) was established more than 50 years ago to provide greater mobility across Canada for skilled workers and represents a standard of excellence for industry. Through the program, individuals are able to obtain a Red Seal endorsement on their provincial/territorial certificates by achieving 70% or higher on an interprovincial Red Seal examination.

The Interprovincial Standards Red Seal Program acknowledges their competence and ensures recognition of their certification throughout Canada without further examination. There are currently over 50 Red Seal designated trades. **The Red Seal Program is recognized as the interprovincial *standard of excellence* in the skilled trades.** The Interprovincial Standards Red Seal Program is a partnership between the Government of Canada, the Provinces, the Territories and various stakeholders.

Sign-off

Signature of the Sponsor of record, or an individual to whom that Sponsor has delegated signing authority, (e.g. Trainer) indicating an Apprentice's demonstration of competence.

Skill

Individual competency/task described in the Logbook.

Skill Sets

Group or selection of individual skills found in the Logbook.

Skill Set Completion for Sponsors

Listing for all skill sets and includes space for sign-off by Sponsor of record.

Sponsor

Means a person that has entered into a registered Training Agreement under which the person is required to ensure that an individual is provided with workplace-based training in a trade as part of an apprenticeship program.

Sponsor of Record

Refers to the Sponsor documented as being signatory to the registered Training Agreement or Contract of Apprenticeship. In order for a Sponsor to be considered for the training of Apprentices, they must identify that the workplace has qualified persons or the equivalent on site, and can identify that the workplace has the tools, equipment, materials, and processes which have been identified by the Industry representatives for the trade.

Trainer

An individual who oversees the performance of a task and sets the workplace expectations and practices for the Apprentice. For a compulsory trade, a qualified Trainer is an individual who holds a Certificate of Qualification. In a non-compulsory trade, a Trainer is an individual who either holds a CofQ, CofA, or is considered equivalent.

Ready to Write Your Exam?

Many of the skilled trades in Ontario have a final certification examination that you must pass to become certified in your trade. Passing the examination gives you the right to hold yourself out as a Journeyperson and receive a Certificate of Qualification in your trade.

There are two types of trade certification examinations in Ontario:

1. Provincial (Ontario) examinations - which lead to a Certificate of Qualification.
2. Red Seal examinations – which lead to a Certificate of Qualification with an Interprovincial Red Seal endorsement.

If a trade is designated as Red Seal in Ontario, you will be writing the Red Seal examination. To access the Red Seal preparation guide please visit: red-seal.ca

Ontario's Exam Preparation Guide

[Exam Resources – Skilled Trades Ontario](#)

Basic Examination Details for You to Know

- You will have **up to four hours to write your examination.**
- Accommodations must be requested and approved prior to scheduling your examination.
- You can leave the examination centre if you complete the examination in less than four hours.
- Exam questions are multiple choice with four options from which you must choose the correct answer. Your examination may have between 90 and 150 multiple choice questions.
- You need a mark of 70% to pass.

Scheduling Your Examination

The examination scheduling process is currently outlined in detail on the Skilled Trades Ontario website: [Exam Scheduling – Skilled Trades Ontario](#)

Remember these 3 basic steps:

1. Confirm your eligibility to write the examination with Skilled Trades Ontario.
2. Contact Client Services at Skilled Trades Ontario to pay your examination fee.
3. Contact the local Service Delivery Office to schedule your examination in their examination centre: <https://www.ontario.ca/page/employment-ontario-apprenticeship-offices>

Instructions for Recording a Change in Sponsor

1. Record your first sponsor's information in Sponsor Record #1 – this would be the sponsor who has signed your initial apprenticeship Training Agreement for this trade.
2. If you do change sponsors prior to completing this apprenticeship, please contact your local Service Delivery Office immediately to update your sponsor record.
3. Please make sure you record all the information regarding any additional sponsors of record towards your apprenticeship using the Sponsor Records on the following pages (if applicable).

You must fill out a Change of Sponsor Record each time you change your sponsor.

Sponsor Record #1

| Sponsor Information | | |
|----------------------|--|-----------------|
| Apprentice Name | | |
| Training Agreement # | | Date (mm/dd/yy) |
| Sponsor Name | | |
| Address | | |
| Telephone | | |
| E-mail Address | | |

| Summary of Training | |
|--------------------------------------------------------------------|--|
| Employment Start Date | |
| Employment End Date | |
| Total hours of training & instruction between dates of employment. | |
| Skill Sets Completed | |

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: _____ Date: (mm/dd/yy) _____

The Sponsor is required to sign-off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed-off.

***If you need additional copies of the Sponsor Record, visit SkilledTradesOntario.ca and search Sponsor Record Form.**

Change of Sponsor Record #2

| Sponsor Information | | |
|----------------------|--|-----------------|
| Apprentice Name | | |
| Training Agreement # | | Date (mm/dd/yy) |
| Sponsor Name | | |
| Address | | |
| Telephone | | |
| E-mail Address | | |

| Summary of Training | |
|--------------------------------------------------------------------|--|
| Employment Start Date | |
| Employment End Date | |
| Total hours of training & instruction between dates of employment. | |
| Skill Sets Completed | |

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: _____ Date: (mm/dd/yy) _____

The Sponsor is required to sign-off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed-off.

***If you need additional copies of the Sponsor Record, visit SkilledTradesOntario.ca and search Sponsor Record Form.**

Change of Sponsor Record #3

| Sponsor Information | | |
|----------------------|--|-----------------|
| Apprentice Name | | |
| Training Agreement # | | Date (mm/dd/yy) |
| Sponsor Name | | |
| Address | | |
| Telephone | | |
| E-mail Address | | |

| Summary of Training | |
|--------------------------------------------------------------------|--|
| Employment Start Date | |
| Employment End Date | |
| Total hours of training & instruction between dates of employment. | |
| Skill Sets Completed | |

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: _____ Date: (mm/dd/yy) _____

The Sponsor is required to sign-off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed-off.

***If you need additional copies of the Sponsor Record, visit SkilledTradesOntario.ca and search Sponsor Record Form.**

Change of Sponsor Record #4

| Sponsor Information | | |
|----------------------|--|-----------------|
| Apprentice Name | | |
| Training Agreement # | | Date (mm/dd/yy) |
| Sponsor Name | | |
| Address | | |
| Telephone | | |
| E-mail Address | | |

| Summary of Training | |
|--------------------------------------------------------------------|--|
| Employment Start Date | |
| Employment End Date | |
| Total hours of training & instruction between dates of employment. | |
| Skill Sets Completed | |

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: _____ Date: (mm/dd/yy) _____

The Sponsor is required to sign-off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed-off.

***If you need additional copies of the Sponsor Record, visit SkilledTradesOntario.ca and search Sponsor Record Form.**

Appendix A — Instructions for Apprenticeship Program Completion

Once an Apprentice has completed all the classroom training and benchmark on-the-job hours specified for the trade and has acquired all the mandatory skills included in this Logbook.

The Apprentice and the Sponsor complete the Apprentice Completion Form and the Skill Set Completion for Sponsors Form located on the following pages.

1. They sign the forms and submit them to their local Service Delivery Office. To find the closest office, check the contact information at ontario.ca/page/employment-ontario-apprenticeship-offices or call the Employment Ontario toll free number at (1-800-387-5656).
2. For All Trades: All mandatory skills (or the combination indicated in the completion requirements for the trade) in the Logbook must be signed-off. The recommended hours are a benchmark. If the Sponsor is completing the Apprentice before the industry recommended training hours are done, staff may request further information regarding the Apprentice's on-the-job training. An example of a request would be a letter from the Sponsor confirming the Apprentice worked for some time in the trade before the initial Training Agreement was registered, thereby acquiring some skills beforehand.

If Apprentices are submitting the completion request form and supporting documentation to their local Service Delivery Office by mail, fax, or email (as a scanned document), they should not include their Logbook; if they are presenting this form in person at the local Service Delivery Office, they should bring their Logbook with them.

After staff verifies all the information in the completion request, they may contact either the Apprentice or the Sponsor for further information or documentation. Once the completion has been confirmed, the local Service Delivery Office will issue a Certificate of Apprenticeship to the Apprentice.

Skilled Trades Ontario will receive notification of this completion.

- If the Apprentice has completed a program in a **compulsory trade**, Skilled Trades Ontario will automatically register the Apprentice for a Provisional Certificate of Qualification to continue to work legally for one year while preparing for the certification examination.
- If an Apprentice completes their apprenticeship in a **non-compulsory trade** and there is a Certificate of Qualification exam, they must write and pass the exam to receive a Certificate of Qualification from Skilled Trades Ontario.

For permission to schedule an exam once completion is confirmed, the individual must first contact the Skilled Trades Ontario Client Services Department at 647-847-3000 or toll free at 1-855-299-0028 to pay the certification examination fee. Once you have paid your exam fee with Skilled Trades Ontario, book your exam by contacting your nearest Employment Ontario local Service Delivery Office.

Appendix B — Apprentice Completion Form

Please fill out both sides of this form, including the Skill Set Completion for Sponsors (see back of form). Once both sides are completed, submit the form to your local Service Delivery Office (find contact information at ontario.ca/page/employment-ontario-apprenticeship-offices or by calling Employment Ontario at (1-800-387-5656).

| Apprentice Information | |
|--------------------------------|--|
| Name (print) | |
| Client ID # Issued by Ministry | |
| Telephone Number(s) | |

| Sponsor Information | |
|----------------------------------------------------|--|
| Legal Name | |
| Address | |
| Telephone Number(s) | |
| Sponsor's Signing Authority <i>(print name)</i> | |
| E-mail Address | |

| Program Information | |
|----------------------------------------------------------------------------------------|-----------------------------------------|
| Trade Name | |
| Number of hours required as per Training Agreement <i>(hours-based trades only)</i> | |
| Hours completed? <i>(documentation attached)</i> | Yes () No () Not applicable () |
| Classroom training completed or exempt? | Yes () No () Not applicable () |

I hereby confirm that the information submitted on both sides of this form is true and accurate.

X _____
Apprentice's Signature Date

X _____
Signature of Sponsor's Signing Authority Date

Appendix D — Local Service Delivery Offices in Ontario

For current office listings visit: ontario.ca/page/employment-Ontario-apprenticeship-offices

| Location | Contact | Location | Contact |
|-----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Barrie 705-737-1431 | 55 Cedar Pointe Dr Unit 609, Barrie, ON L4N 5R7 | Marathon 807-346-1550 | 52 Peninsula Road, Suite 103 Marathon, Ontario, P0T 2E0 |
| Belleville 613-968-5558 1-800-953-6885 | 135 North Front St, Belleville, ON K8P 3B5 | Markham 905-513-2695 | 140 Allstate Parkway, Suite 505, Markham, Ontario L3R 5Y8 |
| Brantford 519-756-5197 | 505 Park Rd North Suite 201, Brantford, ON N3R 7K8 | North Bay 705-495-8515 1-800-236-0744 | 200 First Ave West, North Bay, ON P1B 3B9 |
| Chatham 519-354-2766 1-800-214-8284 | 870 Richmond St West 1st Floor, Chatham, ON N7M 5J5 | Ottawa 613-731-7100 1-877-221-1220 | Preston Square, 347 Preston Street, Suite 310, Ottawa, ON K1S 3H8 |
| Cornwall 613-938-9702 1-877-668-6604 | 132 Second St East Ste 202, Cornwall, ON K6H 1Y4 | Owen Sound 519-376-5790 1-800-838-9468 | 1450 1st Ave West, Suite 100, Owen Sound, ON N4K 6W2 |
| Dryden 807-456-2665 1-800-734-9572 | Provincial Government Building, 479 Government St, Dryden, ON P8N 3K9 | Peel 905-279-7333 1-800-736-5520 | The Emerald Centre, 10 Kingsbridge Garden Circle, Suite 404, Mississauga, ON L5R 3K6 |
| Durham 905-433-0595 1-800-461-4608 | 78 Richmond Street West, Oshawa, ON L1G 1E1 | Pembroke 613-735-3911 1-800-807-0227 | 615 Pembroke St East, Pembroke, ON K8A 3L7 |
| Elliot Lake 1-800-236-8817 | 50 Hillside Dr North, Elliot Lake, ON P5A 1X4 | Peterborough 705-745-1918 1-877-433-6555 | 901 Lansdowne St West, Peterborough, ON K9J 1Z5 |
| Fort Frances 807-274-8634 | 922 Scott St 2nd Flr, Fort Frances, ON P9A 1J4 | Sarnia 519-542-7705 1-800-363-8453 | 162 Lochiel Street, Suite 101, Sarnia, ON N7T 7W5 |
| Geraldton 807-854-1966 | 208 Beamish Avenue West Geraldton, Ontario P0T 1M0 | Sault Ste. Marie 705-945-6815 1-800-236-8817 | 477 Queen St East 4th Flr, Sault Ste Marie, ON P6A 1Z5 |
| Halton 905-842-5105 1-844-901-5105 | 700 Dorval Dr., Suite 201, Oakville, ON L6K 3V3 | St Catharines 905-704-2991 1-800-263-4475 | Garden City Tower, 301 St Paul St East, 10th Flr, St Catharines, ON L2R 7R4 |
| Hamilton 905-521-7764 1-800-668-4479 | Ellen Fairclough Bldg, 119 King St West 8th Flr, Hamilton, ON L8P 4Y7 | Sudbury 705-564-3030 1-800-603-5999 | 159 Cedar St Ste 506, Sudbury, ON P3E 6A5 |
| Kapuskasing 705-465-5785 705-235-1950 | Ontario Government Complex, 122 Government Rd West, Kapuskasing, ON P5N 2X8 | Thunder Bay 807-346-1550 1-800-439-5493 | 189 Red River Rd Suite 103, Thunder Bay, ON P7B 1A2 |
| Kenora 807-468-2879 1-800-734-9572 | 227 1/2 Second St South, Kenora, ON P9N 1G4 | Timmins 705-235-1950 1-877-275-5139 | Ontario Government Complex, 5520 Highway 101 East Wing B, South Porcupine, ON P0N 1H0 |
| Kingston 613-548-1151 1-866-973-4043 | Alliance Business Centre, 299 Concession St Ste 201, Kingston, ON K7K 2B9 | Toronto Centre 416-927-7366 1-800-387-5656 | 2 St Clair West, 11 th floor Toronto, ON M4A 1L5 |
| Kitchener 519-653-5758 1-866-877-0099 | 4275 King St East, Kitchener, ON N2P 2E9 | Toronto South 416-326-5800 | 625 Church St 1st Fl, Toronto, ON M7A 2B5 |
| London 519-675-7788 1-800-265-1050 | 1200 Commissioners Rd E, Unit 72, London, ON N5Z 4R3 | Windsor 519-973-1441 | Roundhouse Centre, 3155 Howard Ave 2nd Fl, Suite 200, Windsor, ON N8X 4Y8 |

Competency Analysis Profile (CAP) Chart

**0911.0
Protect Self
and Others**

0911.01
Wear personal protective equipment (PPE)

0911.02
Lift equipment and materials

0911.03
Apply housekeeping rules

0911.04
Interpret warning signs, labels and symbols

0911.05
Report hazards to supervisory and safety personnel

0911.06
Maintain safety devices and equipment

0911.07
Respond to emergency situations

0911.08
Operate construction equipment

0911.09
Maintain construction equipment

0911.10
Inspect platforms, ladders and working surfaces

0911.11
Install and secure platforms, ladders and working surfaces

0911.12
Maintain platforms, ladders and working surfaces

0911.13
Prevent fires

0911.14
Communicate with co-workers in the workplace

0911.15
Stress tendons

**0912.0
Plan, Prepare and Set Up for Job**

0912.01
Read and interpret drawings and specifications

0912.02
Plan tasks

0912.03
Determine installation procedures and sequences

0912.04
Set up equipment

0912.05
Unload, sort/shake out and stage inventory materials

0912.06
Set up manual and power bending equipment

0912.07
Operate manual and power bending equipment

Competency Analysis Profile: Reinforcing Rodworker 452A (all unshaded skill sets must be completed)

0913.0
Operate and Maintain Hand, Power Tools and Aerial Work Platforms

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|-------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| 0913.01 Identify hand tools | 0913.02 Select hand tools | 0913.03 Use hand tools | 0913.04 Maintain hand tools | 0913.05 Identify power tools |
| 0913.06 Select power tools | 0913.07 Operate power tools | 0913.08 Maintain power tools | 0913.09 Identify oxygen and fuel gas equipment | 0913.10 Select oxygen and fuel gas equipment |
| 0913.11 Set up and adjust oxygen and fuel gas equipment | 0913.12 Operate oxygen and fuel gas equipment | 0913.13 Maintain oxygen and fuel gas equipment | 0913.14 Identify post-tensioning equipment | 0913.15 Select post-tensioning equipment |
| 0913.16 Set up and adjust post-tensioning equipment | 0913.17 Operate post-tensioning equipment | 0913.18 Maintain post-tensioning equipment | 0913.19 Identify aerial work platforms | 0913.20 Select aerial work platforms |
| 0913.21 Set up aerial work platforms | 0913.22 Operate aerial work platforms | 0913.23 Maintain aerial work platforms | | |

Competency Analysis Profile: Reinforcing Rodworker 452A *(all unshaded skill sets must be completed)*

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|-----------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 0914.0 Rig and Hoist Materials and Equipment | 0914.01 Perform rigging and hoisting calculations | 0914.02 Select slings | 0914.03 Assemble slings | 0914.04 Inspect and maintain slings | 0914.05 Select rigging hardware |
| | 0914.06 Assemble rigging hardware | 0914.07 Inspect and maintain rigging hardware | 0914.08 Select hoisting equipment | 0914.09 Assemble hoisting equipment | 0914.10 Inspect and maintain hoisting equipment |
| | 0914.11 Reeve or lace blocks | 0914.12 Tie and render knots, hitches and bends | 0914.13 Splice fibre rope | 0914.14 Establish hand, voice and radio communications with co-workers and equipment operators | |
| 0915.0 Place Reinforcing Materials | 0915.01 Identify reinforcing materials | 0915.02 Select reinforcing materials | 0915.03 Sort reinforcing materials | 0915.04 Place and tie reinforcing materials | 0915.05 Identify bar supports |
| | 0915.06 Select bar supports | 0915.07 Install bar supports | 0915.08 Install reinforcing materials for beams, columns and walls | 0915.09 Place and tie reinforcing materials for slab installations | 0915.10 Place and tie reinforcing materials for footings |

(continued on the next page)

Competency Analysis Profile: Reinforcing Rodworker 452A (all unshaded skill sets must be completed)

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|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 0915.0 Place Reinforcing Materials <i>(continued)</i> | 0915.11 Pre-assemble reinforcing bar columns, beams, walls, cages and components | 0915.12 Splice reinforcing bars | 0915.13 Hoist reinforcing bar assemblies | 0915.14 Place reinforcing bar assemblies | 0915.15 Position welded wire fabric |
| | 0915.16 Secure welded wire fabric | 0915.17 Perform final inspection of reinforcing installations | | | |
| 0916.0 Place Post-Tensioning and Bar Tendons | 0916.01 Perform pre-installation procedure and layout | 0916.02 Order work site materials and equipment for tendon placing operations | 0916.03 Install bearing plates and bursting steel | 0916.04 Install tendon and sheathing supports, chairs, sheathing and couplers | 0916.05 Install bonded post-tensioning cables in sheathing |
| | 0916.06 Install unbonded post-tensioning cables on supports | 0916.07 Assemble dead-end anchors | 0916.08 Perform final inspection of post-tensioning installations | | |
| | | | | | |

0917.0
**Stress and Grout
Post-Tensioning
and Bar Tendons**

0917.01
Interpret engineering instructions for bar and cable stressing and cable stress sequence

0917.02
Order work site materials and equipment for tendon stressing and grouting operations

0917.03
Install anchor head and wedges and stressing plates

0917.04
Select stressing jacks and hydraulic pumps

0917.05
Position stressing jacks and hydraulic pumps

0917.06
Apply stress to post-tensioning and bar tendons

0917.07
Crop cables to specified strand projection length

0917.08
Perform pre-grouting operations

0917.09
Perform final grouting operations

| Notes |
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Completing Your Apprenticeship Program

Once your sponsor agrees you are competent in the required skills, your hours are complete and you have completed all the levels of classroom training required for your trade:

- ✓ Follow the completion instructions on the Completion Form (Appendix A) in the Logbook.
- ✓ Answer any questions that MLITSD staff may have and provide any additional completion documentation that may be required.
- ✓ Once completion is confirmed, MLITSD will issue you a Certificate of Apprenticeship and notify Skilled Trades Ontario.

After Your Apprenticeship

If you are in a trade with a certification exam, Skilled Trades Ontario will receive notice of your completion.

For compulsory trades, you will be issued a Provisional Certificate of Qualification which will allow you to work legally for up to 12 months until you write and pass your examination.

For a non-compulsory trade, once you pass your examination, you will be issued a Certificate of Qualification for your trade.

Preparing For Your Exam

- **To pay for a Certificate of Qualification examination, contact Skilled Trades Ontario** Client Services Department at: 647-847-3000 or toll free at 1-855-299-0028
- **To schedule your exam:** Once you have paid, contact your local Service Delivery Office to book your exam.
- **Download Skilled Trades Ontario exam preparation guide at:** [Exam Resources – Skilled Trades Ontario](#) and/or view the exam preparation guide for Red Seal trades at: red-seal.ca



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Ironworker (Reinforcing)