



**Skilled
Trades**
Ontario

**Métiers
spécialisés**
Ontario

Apprenticeship
Training Standard
Logbook

**Entertainment
Industry Power
Technician**

269E

2004

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.



**Skilled
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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



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

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

Phase 2: Apprenticeship



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

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

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

Phase 3: Certification



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

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

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

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

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

* 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.

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Maintained with transfer to Skilled Trades Ontario 2004 (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 journeyperson/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 and 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.

Introduction to the Logbook

This “on-the job” Logbook is the training standard for Entertainment Industry Power Technician 636E 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.

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 Entertainment Industry Power Technician is set out in section 49 of Ontario Regulation 875/21 under BOSTA and reads as follows:

49. (1) Subject to subsection (2), the scope of practice for the trade of entertainment industry power technician includes work in film, television, live performance, trade shows, special event productions and carnivals by doing the following:

1. Evaluating job requirements.
2. Planning, building, installing, maintaining and disassembling power distribution systems, including both main and subdistribution systems.
3. Designing and installing temporary distribution systems.
4. Installing, controlling and disassembling lighting.
5. Managing portable power supplies including maintenance of batteries.

(2) The work that falls within the scope of practice for the trade of entertainment industry power technician is limited to work performed on installations up to, but not including, hardwire connection to the power system of permanent buildings.

*While the Logbook draws on the scope of practice regulation (Section 49 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 4520 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 480 hours of in-school training as the duration necessary for an Apprentice to complete the in-school curriculum for this program.

Total Training Hours

5000 hours

Journeyman to Apprentice Ratio

Industry Recommended Ratios:

While some of the trades regulated under BOSTA are subject to Journeyman to Apprentice ratios set out in regulation, this trade is not one of them. Instead, **industry has recommended a Journeyman to Apprentice ratio guideline of 1**

Journeyman

(or individual who is deemed equivalent to a journeyman) to 1 Apprentice as the ratio necessary for an Apprentice to be properly trained on the job in this program.

Program Requirements

Compulsory and Non-compulsory Classification

Regulations *Building Opportunities in the Skilled Trades Act, 2021* and the classification of 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 this trade 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

5351.0 Protect Self and Others

General Performance Objective

Protect Self and Others by complying with acts, regulations, codes, standards, and directives; controlling hazards and hazardous conditions, equipment, and materials; following company or worksite fire procedures; performing housekeeping duties; manually moving equipment, supplies and components; utilizing personal protective equipment; maintaining personal protective equipment; employing simple first aid relating to illness and occupational injury; reporting injuries to supervisor or first-aid personnel; and performing lockout, tagging, and hold-off procedures, according to regulatory requirements, codes, job requirements, site procedures, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

Skills

5351.01 Comply with acts, regulations, codes, standards, and directives including Occupational Health and Safety Act (OHSA), Environmental Protection Act (EPA), Dangerous Goods Transportation Act (DGTA), Workplace Safety Insurance Act (WSIA), Trades Qualification and Apprenticeship Act (TQAA), Apprenticeship and Certification Act (ACA), Ontario Building Code (OBC), Canadian Electrical Code, Ontario Electrical Safety Code (OESC), Ontario Fire Code (OFC), and Workplace Hazardous Materials Information System (WHMIS); the Construction Safety Association of Ontario (CSAO), American Society of Mechanical Engineers (ASME), Institute of Electrical and Electronic Engineers (IEEE), Illumination Engineering Society Standards (IESS), Canadian Radio- television and Telecommunications Commission (CRTC), Technical Standards and Safety Authority (TSSA), Electrical Safety Authority (ESA), municipal requirements, and company policies, by reading, interpreting, and following direction, according to the written content of documents and verbal direction of regulatory authorities.

| | | |
|----------|-----------------------|----------------------|
| 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.**

5351.02 Control hazards and hazardous conditions, equipment, and materials including worksite conditions, heavy equipment operations, hoisting and lifting operations, overhead operations, material handling, and storage, by visually inspecting and analysing performance and function, checking for obstructions, and taking remedial action, according to regulatory requirements, codes, site conditions, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5351.03 Follow company or worksite fire procedures including assessing the type and severity of the fire, taking action to suppress a minor fire, activating the alarm system, reporting the fire, and following evacuation procedures, according to regulatory requirements, codes, site procedures, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5351.04 Perform housekeeping duties by removing and disposing of excess or unwanted materials, positioning equipment, identifying the location of first-aid supplies and equipment, erecting protective barriers and signs, and ensuring work area is free of obstructions, according to regulatory requirements, codes, job requirements, site procedures, company policies and procedures, and safety requirements.

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5351.05 **Manually move equipment, supplies, and components by** utilizing safe lifting, lowering, carrying, pushing, and pulling techniques to protect self and others against injury, according to regulatory requirements, codes, job requirements, site procedures, company policies and procedures, and safety requirements.

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5351.06 **Utilize personal protective equipment** including hard hats, gloves, glasses, goggles, masks, face shields, ear protectors/plugs, coveralls, reflector vests, safety footwear, fall-protection equipment, respirators, harnesses, breathing apparatus, air samplers, gas detectors, and radiation badges, by inspecting, selecting, wearing, and adjusting to ensure the safety of self and others, according to regulatory requirements, site conditions, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5351.07 **Maintain personal protective equipment** including hard hats, gloves, glasses, goggles, masks, face shields, ear protectors/plugs, coveralls, reflector vests, safety footwear, fall-protection equipment, respirators, harnesses, breathing apparatus, air samplers, gas detectors, and radiation badges, by checking for wear, breaks, tears, cracks, leakage, and loose and defective components; by inspecting and analysing performance and function; and by storing or noting/tagging deficiencies and removing devices and components from service to ensure the safety of self and others, according to regulatory requirements, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5351.08 **Employ simple first aid relating to illness and occupational injury** including sudden illness, burns, cuts, sprains, chemical and smoke inhalations, and contaminants in eyes, so that the condition of the victim is stabilized and prepared for further first-aid treatment, and obtaining emergency medical assistance as required, according to the victim's condition, regulatory requirements, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5351.09 **Report injuries to supervisor or first-aid personnel** promptly and clearly, ensuring that the injured person is attended to and describing precisely how the incident occurred, according to regulatory requirements, company policies and procedures, site procedures, and safety requirements.

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5351.10 Perform lockout, tagging, and hold-off procedures to isolate hazardous or defective equipment by advising the appropriate authorities holding jurisdiction (AHJ), installing a lockout device and retaining the key, attaching tags, performing the repairs, and removing the lockout device on completion of work, and using hand tools and personal protection equipment, according to regulatory requirements, codes, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5352.0 Communicate in the Workplace

General Performance Objective

Communicate in the workplace by communicating orally, communicating in writing, communicating by graphics, communicating by computer, communicating by mechanical and electronic devices, communicating by hand signals, building and maintaining interpersonal relationships, presenting a professional image, and coaching and mentoring co-workers, according to regulatory requirements, codes, job requirements, site conditions, international hand signal standards, manufacturers' recommendations and specifications, business etiquette, netiquette, workplace standards, company policies and procedures, and safety requirements.

Skills

5352.01 Communicate orally by speaking clearly and concisely, listening attentively, seeking validation of the conversation to ensure understanding, conveying and summarizing information accurately, and engaging in constructive feedback, according to business etiquette, workplace standards, and company policies.

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5352.02 **Communicate in writing** including correspondence, memoranda, work and change orders, project reports, check-off forms/sheets, proposals, estimates, and accident forms, by writing clearly and concisely; interpreting and verifying details; editing correspondence/documentation; checking for appropriate language usage, completeness, and accuracy; and checking that all documentation requiring signature has been completed, according to job requirements, business etiquette, and company policies and procedures.

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5352.03 **Communicate by graphics** including sketches, construction drawings, three- dimensional models, and presentation media, by checking for thoroughness and understanding, according to job requirements, and company policies and procedures.

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5352.04 **Communicate by computer** including software and peripheral equipment, by using keyboards, touch screens, Internet, e-mail, scanners, and printers, and by verifying that instructions and procedures are conveyed accurately and efficiently, according to job requirements, manufacturers' recommendations and specifications, netiquette, and company policies and procedures.

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5352.05 **Communicate by mechanical and electronic devices** including public address systems, telephones, pagers, radios, and wireless devices, ensuring that clear, concise, and accurate instructions and procedures are conveyed safely and efficiently, according to regulatory requirements, codes, job requirements, site conditions, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5352.06 **Communicate by hand signals** so that information is given and received in full view and on a timely basis, according to regulatory requirements, codes, job requirements, international hand signal standards, site conditions, company policies and procedures, and safety requirements.

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5352.07 **Build and maintain interpersonal relationships by** networking, maintaining confidentiality, respecting others, collaborating, consulting, participating at meetings, demonstrating availability, utilizing conflict resolution and problem- solving methodologies, identifying and recommending alternative solutions, listening effectively, using verbal and non-verbal methods to convey messages/meaning, using acceptable language in the workplace, recognizing and respecting the chain of authority on the job site, explaining problems and procedures, and obtaining approvals from clients, according to business etiquette, workplace standards, and company policies.

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5352.08 **Present a professional image by** wearing apparel according to location/event, maintaining clean clothing, and following a hygiene regimen so that personal appearance and hygiene are not offensive to clients or co-workers, according to business etiquette, workplace standards, and company policies.

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5352.09 Coach and mentor co-workers by demonstrating and/or explaining workplace practices, procedures, and requirements; promoting company policies and procedures, assessing workplace performance and progress; and ensuring timely feedback is provided, using communication skills and physical demonstration, according to business etiquette, workplace standards, and company policies and procedures.

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5353.0 Utilize Tools and Equipment

General Performance Objective

Utilize tools and equipment by: utilizing hand tools and accessories; utilizing power tools and accessories; utilizing testing devices, selecting scaffolds and accessories; assembling scaffolds; maintaining scaffolds; and dismantling scaffolds; according to regulatory requirements, Safe Working Load (SWL) charts, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

Skills

5353.01 Utilize hand tools and accessories, including wrenches, fastening devices, cutting tools, joining tools, grinding tools, levelling tools, and measuring devices, by checking for wear, fit, alignment, and broken tools and accessories; by selecting, inspecting, testing, and analysing performance and function; and by using, exchanging, aligning, cleaning, lubricating, reconditioning, and storing or removing tools and accessories from service, according to job requirements, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5353.02 Utilize power tools and accessories, including drills, grinders, saws, pedestal grinder, soldering equipment, and tool accessories (bits, blades, etc.), by checking for wear, fit, alignment, lubrication, and damaged components or parts, including cords and plugs, housings, and control devices; by selecting, inspecting, testing, and analysing performance and function; and by using, exchanging, aligning, cleaning, lubricating, reconditioning, storing or removing tools and accessories from service, according to job requirements, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5353.03 Utilize testing devices, including multimeters, ammeters, polarity checkers, DMX checkers, GFCI checkers, oscilloscopes, frequency meters, light meters, colour temperature meters, distance measuring devices, ground proving devices, voltage testers, insulation testers, and phase sequence testers, checking for voltage, frequency, polarity, current flow, wave form, ground fault current interrupter performance, light levels, colour temperature, ground conductivity to earth, and insulation quality; by inspecting, testing, analysing performance and function, making adjustments, and storing or identifying devices for repair, according to regulatory requirements, job requirements, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5353.04 **Select scaffolds and accessories**, including frames, pipes, braces, platform materials, and fastening devices, by checking for wear, fit, cracks, alignment, stability, and missing or damaged components and parts; and by inspecting, testing, and analysing performance and function; and by exchanging, reconditioning, aligning, or removing equipment and components from service, using personal protection equipment, according to regulatory requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5353.05 **Assemble scaffolds**, including frames, pipes, braces, and platform materials, by checking for wear, fit, vibration, cracks, alignment, stability, lubrication, and missing or damaged components and parts; by inspecting and analysing performance and function; and by using hand, power, and/or specialized tools; levelling and fastening devices; personal protection equipment; rigging and hoisting devices; and manual and powered personnel and equipment lifts, according to regulatory requirements, Safe Working Load (SWL) charts, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5353.06 **Maintain scaffolds**, including frames, pipes, braces, platform materials, and fastening devices, by checking for wear, fit, vibration, cracks, alignment, stability, lubrication, and missing or damaged components and parts; by inspecting and testing and analysing performance and function; and by exchanging, adjusting, tightening, reconditioning, aligning, or removing equipment and components from service, using hand, power, and/or specialized tools; levelling and fastening devices; personal protection equipment; rigging and hoisting devices; and manual and powered personnel and equipment lifts, according to regulatory requirements, Safe Working Load (SWL) charts, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5353.07 **Dismantle scaffolds**, including frames, pipes, braces, platform materials, and fastening devices, by checking for wear, cracks, alignment, lubrication, and missing or damaged components and parts; and by storing or identifying defective equipment and components and removing equipment and components from future service, using hand, power, and/or specialized tools, personal protection equipment, rigging and hoisting devices, and manual and powered personnel and equipment lifts, according to regulatory requirements, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5354.0 Rig, Hoist, and Lift

General Performance Objective

Rig, hoist, and lift by planning rig layout, selecting rigging equipment and components, utilizing rigging equipment and components, maintaining rigging equipment and components, selecting hoisting and lifting equipment and components, utilizing hoisting and lifting equipment and components, and maintaining hoisting and lifting equipment and components, according to regulatory requirements, job requirements, Safe Working Load (SWL) charts, manufacturer’s recommendations and specifications, company policies and procedures, and safety requirements.

Skills:

5354.01 Plan rig layout, including trusses, truss connectors, pipes, ladders, pantographs, condor mounts, crane mounts, cables, ropes, slings, span sets, pads, shackles, clamps, block and tackle, motorized chain hoists, suspension equipment, and fasteners, by visually inspecting site and/or referring to written documentation, sketches, and working drawings; assessing the type of equipment, load characteristics, and load distribution of equipment to be flown; performing calculations; and documenting and/or sketching rig layout, according to regulatory requirements, job requirements, site conditions, Safe Working Load (SWL) charts, manufacturers’ recommendations and specifications, company policies and procedures, and safety requirements.

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5354.02 **Select rigging equipment and components**, including trusses, truss connectors, pipes, ladders, pantographs, condor mounts, crane mounts, cables, ropes, slings, span sets, pads, shackles, clamps, block and tackle, motorized chain hoists, suspension equipment, and fasteners, by checking for wear, crimps and/or fraying, fit, fractures, cracks, corrosion, alignment, lubrication, and loose and defective components; inspecting and assessing performance and function; exchanging and/or identifying equipment and components for repair; and using measuring and testing devices and personal protection equipment, according to regulatory requirements, job requirements, site conditions, Safe Working Load (SWL) charts, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5354.03 **Utilize rigging equipment and components**, including trusses, truss connectors, pipes, ladders, pantographs, condor mounts, crane mounts, cables, ropes, slings, span sets, pads, shackles, clamps, block and tackle, motorized chain hoists, suspension equipment, and fasteners, by positioning, moving, and adjusting the equipment, and placing or attaching the rigging to the load according to the weight, balance, and size of the equipment to be moved or lifted; checking for capacity, stability, and alignment; inspecting and testing and analysing performance and function; and using hand and power tools; personal protection equipment; measuring, levelling, and fastening devices; and voice, electronic, and hand communication, according to regulatory requirements, job requirements, site conditions, Safe Working Load (SWL) charts, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5354.04 Maintain rigging equipment and components, including trusses, truss connectors, pipes, ladders, pantographs, condor mounts, crane mounts, cables, ropes, slings, span sets, pads, shackles, clamps, block and tackle, motorized chain hoists, suspension equipment, and fasteners, by checking for wear, crimps and/or fraying, fit, fractures, cracks, corrosion, alignment, lubrication, and loose and defective components; inspecting, testing, and assessing performance and function; exchanging, aligning, lubricating, storing, or removing equipment and components from service; using hand and power tools, fastening devices, personal protection equipment, cleaners, abrasives, and lubricants, according to regulatory requirements, job requirements, Safe Working Load (SWL) charts, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5354.05 Select hoisting and lifting equipment and components, including cranes, gin poles, manual and powered personnel and equipment lifts, motorized chain hoists, cables, ropes, and block and tackle, by checking for wear, crimps and/or fraying, fractures, cracks, corrosion, alignment, lubrication, stability, noise, and loose and defective components; inspecting and assessing performance and function; exchanging and/or identifying equipment and components for repair; and using personal protection equipment and measuring devices, according to regulatory requirements, job requirements, site conditions, Safe Working Load (SWL) charts, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5354.06 Utilize hoisting and lifting equipment and components, including cranes, gin poles, manual and powered personnel and equipment lifts, motorized chain hoists, cables, ropes, and block and tackle, by positioning, moving and adjusting the equipment, and placing or attaching the material to the equipment, according to the weight, balance, and size of the equipment to be moved or lifted; checking for capacity, wear, crimps and/or fraying, fractures, cracks, corrosion, alignment, lubrication, stability, noise, and loose and defective components; inspecting and assessing performance and function; exchanging or identifying equipment and components for repair; and using hand and power tools; personal protection equipment; measuring, levelling, and fastening devices; and voice, electronic, and hand communication, according to regulatory requirements, job requirements, site conditions, Safe Working Load (SWL) charts, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5354.07 Maintain hoisting and lifting equipment and components, including cranes, gin poles, manual and powered personnel and equipment lifts, motorized chain hoists, cables, ropes, and block and tackle, by checking for wear, crimps and/or fraying, fractures, cracks, corrosion, alignment, lubrication, stability, noise, and loose and defective components; inspecting and assessing performance and function; aligning, lubricating, exchanging, storing, or removing equipment and components from service; and using hand and power tools, personal protection equipment, cleaners, abrasives, and lubricants, according to regulatory requirements, job requirements, Safe Working Load (SWL) charts, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5355.0 Evaluate Job Requirements

General Performance Objective

Evaluate job requirements by reading and interpreting technical drawings and specifications, correlating information from technical drawings, assessing job site conditions, calculating electrical load requirements, verifying the scope of work and design parameters, determining site-specific materials, determining electrical crew and support personnel requirements, scheduling job site materials and equipment, and establishing work schedules, according to regulatory requirements, codes, manufacturer's recommendations and specifications, job requirements, site conditions, industry standards, company policies and procedures, and safety requirements.

Skills

5355.01 Read and interpret technical drawings and specifications, including lighting plots; set plots; and architectural, electrical, and schematic drawings and site plans, by reading the title block, identifying, and interpreting symbols and scale, and using measuring devices, according to industry standards.

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5355.02 Correlate information from technical drawings, including lighting plots; set plots; and architectural, electrical, and schematic drawings and site plans, by cross-checking for compatibility between drawings and relevance to the job specifications, and developing a checklist of questions and a preliminary list of equipment and material requirements, according to regulatory requirements, codes, job requirements, site conditions, company policies and procedures, and safety requirements.

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5355.03 Assess job site conditions, by checking for conformance to technical drawings and other information received; referring to checklists of questions; measuring equipment parameters; checking for obstructions; checking that power and utilities are available; visually inspecting site and verifying accessibility for people and equipment using observation, communication skills, and measuring devices, according to regulatory requirements, codes, job requirements, site conditions, company policies and procedures, and safety requirements.

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5355.04 Calculate electrical load requirements, by determining total power requirements for all departments and connected systems; checking for available capacity, power quality, phasing, and voltage; identifying deficiencies and supplemental power requirements; visually inspecting and testing and analysing performance and function; and using sketches, plans, drawings, calculation equipment, and testing devices, according to job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5355.05 Verify the scope of work and design parameters, including time constraints, configuration/positioning of equipment, and visual effects, by discussing with the clients the scope of the installation so that the installation plan meets client requirements, and by using communication skills and communication devices, according to regulatory requirements, codes, job requirements, site conditions, company policies and procedures, and safety requirements.

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5355.06 Determine site-specific materials, including rigging, lifting, and hoisting devices and components; manual and powered personnel and equipment lifts; scaffolds; ladders; ropes; cables and pulleys; generator sets; transformers; overcurrent protection devices; construction materials; weather-protection materials; audio, video, and lighting equipment; and transportation and communication equipment, by visually inspecting, analysing performance and function, and documenting using lists and other recording equipment/methods, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5355.07 Determine electrical crew and support personnel requirements, including number of personnel required and duration, by analysing location and job requirements, determining skill levels of electrical crew and support personnel, and reporting requirements, using lists and other calculation methods, according to regulatory requirements, job requirements, site conditions, company policies and procedures, and safety requirements.

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5355.08 **Schedule job site materials and equipment**, including rigging and hoisting equipment, manual and powered personnel and equipment lifts, ladders, scaffolds, connectors and mounting equipment, construction supplies, wire, electrical cables, and lighting/audio/video and effects equipment, by locating and sequencing the material requirements, reviewing delivery schedules, ensuring storage space is available, keeping a complete record of inventory of on-site materials, maintaining an adequate supply on hand of basic items, and using oral and written communication skills and electric and electronic devices, according to regulatory requirements, job requirements, Safe Working Load (SWL) charts, site conditions, company policies and procedures, and safety requirements.

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5355.09 **Establish work schedules**, including preparation of equipment, load-ins and loadouts, set-up, focus, cueing and programming, and coordinating schedules with other departments, by using oral and written communication skills, and electric and electronic devices, according to regulatory requirements, job requirements, site conditions, company policies and procedures, and safety requirements.

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5356.0 Plan, Build, Maintain, And Disassemble Systems

General Performance Objective

Plan, build, maintain, and disassemble systems by performing visual inspection of system equipment; planning power distribution systems; assembling main and sub-distribution equipment; hanging/mounting system devices; connecting/circuiting system devices; installing practicals and set wiring; diagnosing and troubleshooting practicals, luminaires, and distribution devices; maintaining practicals, luminaires, and distribution devices; and disassembling main and sub-distribution systems and components, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

Skills

5356.01 Perform visual inspection of system equipment, including generator sets, transformers, cables, connectors, luminaires and other lighting devices, mounting and hanging equipment, overcurrent protection devices, lenses, screens, safety cables, strain reliefs, and grounding and bonding equipment, by checking for approval markings; capacity; and worn, damaged, missing, corroded, loose, and defective components; using personal protection equipment, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, company policies and procedures, and safety requirements.

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5356.02 Plan power distribution systems, including physical layout, ventilation, equipment required, capacity of the distribution system, distribution points, physical cable size, panels, boxes, generator sets with frequency control, transformers, dimmers, surge protection, uninterruptible power supplies, optical isolation, grounding and bonding equipment, and isolated power, by checking available capacity, power quality, phasing, and voltage; and by using sketches, plans, drawings, and testing devices, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5356.03 Assemble main and sub-distribution equipment, including cables, cable mats, generator sets, transformers, overcurrent protection devices, panels, boxes, grounding and bonding equipment, and physical support systems, by checking connections and routing of cables; visually inspecting, testing and analysing performance and function; and using hand and power tools, personal protection equipment, testing devices, ladders, scaffolds, hoisting and rigging equipment, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5356.04 Hang/mount system devices, including luminaires and other lighting devices and effects equipment, by checking for approval markings, capacity, clearances, stability, orientation of equipment, securement and secondary safety attachments, and routing and supporting of cables; visually inspecting, moving, and adjusting the placement of devices according to their weight, balance, and size; and using hand and power tools, personal protection equipment, booms, trapezes, floor stands, float bases, pigeons, set wall brackets, ladders, scaffolds, hoisting and rigging devices, manual and powered personnel and equipment lifts, testing devices, strain reliefs, and fasteners and mounting devices, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5356.05 Connect/circuit system devices, including luminaires and other lighting devices and effects equipment, by checking for approval markings, capacity, clearances, stability, orientation of equipment, securement and secondary safety attachments, and routing and supporting of cables; visually inspecting, connecting to selected circuits, and testing performance and function; and using hand tools, personal protection equipment, ladders, scaffolds, hoisting and rigging devices, manual and powered personnel and equipment lifts, testing devices, strain reliefs, and fasteners and mounting devices, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5356.06 Install practicals and set wiring, including standard or custom luminaires, cue- light systems and work lights, set practicals, chasers, fixed and dynamic signs, rope lights, light panels and boxes, LEDs, neons, device and equipment boxes, ballasts, relays, control equipment and enclosures, receptacles, and wall switches, by checking for approval markings, capacity, clearances, stability, orientation of equipment, and security of mountings and connections; inspecting; analysing performance and function; situating, cutting, drilling, and mounting wiring; connecting wiring to selected circuits; and using hand and power tools, personal protection equipment, strain reliefs, fasteners and mounting devices, testing devices, ladders, scaffolds, hoisting and rigging devices, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5356.07 Diagnose and troubleshoot practicals, luminaires, and distribution devices, including standard or custom luminaires and other lighting devices, cue-light systems and work lights, set practicals, chasers, fixed and dynamic signs, rope lights, light panels and boxes, LEDs, neons, ballasts, relays, control equipment and enclosures, receptacles, and wall switches, by checking for approval markings, capacity, clearances, stability, colour temperature, light levels, orientation of equipment, and mountings and connections; inspecting, testing and analysing performance and function; and using hand and power tools, personal protection equipment, testing devices, strain reliefs, fasteners and mounting devices, ladders, scaffolds, hoisting and rigging devices, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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

5356.08 Maintain practicals, luminaires, and distribution devices, including standard or custom luminaires and other lighting devices, cue-light systems and work lights, set practicals, chasers, fixed and dynamic signs, rope lights, light panels and boxes, LEDs, neons, ballasts, relays, control equipment and enclosures, receptacles, and wall switches, by checking clearances, stability, colour temperature, light levels, orientation of equipment, and mountings and connections; inspecting, testing and analysing performance and function; exchanging, reconditioning, aligning, storing, or removing devices and components from service; and using hand and power tools, personal protection equipment, testing devices, ladders, scaffolds, manual and powered personnel and equipment lifts, strain reliefs, and fasteners and mounting devices, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5356.09 Disassemble main and sub-distribution systems and components, including lighting, video, audio, and effects equipment; wiring; cables; cable mats; generator sets; transformers; splitters; overcurrent protection devices; isolation devices; distribution boxes and panels; dimmers; and physical support systems, by ensuring all power is disconnected to systems and equipment; checking for approval markings, wear, obstructions, capacity, cracks, odour, and damage; inspecting, disconnecting, and separating equipment/devices/components; tagging defective equipment/devices/components; ensuring all equipment/devices/components are in a condition ready for storage/shipment/travel; and using hand and power tools, testing devices, personal protection equipment, ladders, scaffolds, manual and powered personnel and equipment lifts, and road cases or shipping materials, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.0 Implement a Temporary Power Supply

General Performance Objective

Implement a temporary power supply by verifying readiness of generator set for operation, establishing a ground for a generator set or temporary power supply system, proving a ground for a generator set or temporary power supply system, adjusting electrical output of generator sets, verifying readiness of house power for operation, establishing power to main and sub-distribution systems, verifying power to main and sub-distribution systems, balancing electrical loads connected to house power, and disconnecting power to main and sub-distribution systems, according to regulatory requirements, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

Skills:

5357.01 **Verify readiness of generator set for operation**, by performing an assessment of the condition of generator sets, including alternators, generators, transformers, isolating switches, overcurrent protection devices, cables, connectors, strain reliefs, vibration mounts, belts, mechanical connections, batteries, lines, hoses, air intake and exhaust systems, acoustic materials, lubricants, fuel, and fluids, by checking for approval markings, capacity, wear, noise, leaks, connections, cracks, fractures, lubrication, odour, routing of cables, and damaged, missing, corroded, loose, and defective components, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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

5357.02 **Establish a ground for a generator set or temporary power supply system** by connecting the generator set or temporary power supply system bonded neutral to a ground electrode; providing a low-impedance path to the earth; and using personal protection equipment, cables, rods, clamps, and plates or suitable ground points, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.03 Prove a ground for a generator set or temporary power supply system by checking for conductivity to the earth and low impedance between the main ground electrode and a separate non-wired reference ground point; ensuring a ground continuity path through the earth and back to the generator set or temporary power supply system; testing, and analysing performance; and using ground proving devices and personal protection equipment; according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.04 Adjust electrical output of generator sets, including alternators, generators, transformers, isolating switches, overcurrent protection devices, cables, connectors, strain reliefs, vibration mounts, belts, mechanical connections, batteries, lines, hoses, air intake and exhaust systems, acoustic materials, lubricants, fuel, and fluids, by checking for approval markings, wear, frequency, pressure, flow, noise, smoke, vibration, fluids, and lubrication to ensure correct equipment operation; inspecting, monitoring, testing, analysing performance and function, and adjusting/regulating voltage, amperage, phasing, and grounding; and using gauges, testing devices, and personal protection equipment, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.05 **Verify readiness of house power for operation**, by performing an assessment of the condition of source including transformers, isolating switches, overcurrent protection devices, cables, connectors, and strain reliefs, by checking for routing of cables, approval markings, wear, noise, leaks, connections, cracks, fractures, lubrication, odour, and damaged, missing, corroded, loose, and defective components, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.06 **Establish power to main and sub-distribution systems**, including lighting; video, audio, and effects equipment; and other on-site facilities, by laying out and connecting mains and sub-mains feeders and sub-distribution systems, splitters, isolation devices, overcurrent protection devices, dimmers, and distribution and load connection panels; visually inspecting and energizing the system from supply to load; and using hand and power tools, personal protection equipment, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.07 **Verify power to main and sub-distribution systems**, including lighting; video, audio, and effects equipment; and other on-site facilities, by checking connections, cable sizes, bundling, spacing, routing of cables, supports, strain reliefs, system integrity and continuity, phasing, voltage, and voltage drop; inspecting and testing and analysing performance and function; and using testing devices, personal protection equipment, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.08 **Balance electrical loads connected to house power**, including mains, switches, connection panels, splitters and transformers, by checking for noise, voltage, grounding, phasing, colour temperature, smoke, odour, and vibration; inspecting and analysing performance and function; adjusting voltage, and balancing loads; and using hand and power tools, personal protection equipment, testing devices, and levelling devices, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5357.09 **Disconnect power to main and sub-distribution systems**, including lighting; video, audio, and effects equipment; and other on-site facilities, by opening circuit breakers or switches to de-energize the power to the system; locking and tagging the source panels; disconnecting cables; and using hand tools, testing devices, personal protection equipment, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.0 Install, Control, and Disassemble Lighting

General Performance Objective

Install, control, and disassemble lighting by performing inspections of lighting systems, installing arc lighting sources, maintaining arc lighting sources, installing manually focused luminaires and other lighting devices, focusing manually focused luminaires and other lighting devices, installing automated luminaires and other automated lighting devices, testing control systems and data infrastructures, and disassembling lighting and lighting devices, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

Skills

5358.01 Perform inspection of lighting systems, including luminaires and other lighting devices, support systems, dimmers, panels, boxes, overcurrent protection devices, cables, connectors, strain reliefs, mechanical connections, and batteries, by checking for approval markings, wear, obstructions, cracks, light levels, odour, routing of cables, and missing, corroded, loose, and defective components; and using personal protection equipment, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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

5358.02 Install arc lighting sources, including disconnects, overcurrent protection devices, cables, connectors, strain reliefs, mechanical connections, ballasts/power supplies, rectifiers, and batteries, by checking for approval markings, wear, obstructions, cracks, odour, routing of cables, damage, smoke, and missing, corroded, loose, and defective components; inspecting and analysing performance and function; mounting, connecting, and adjusting; and using hand and power tools, personal protection equipment, testing devices, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.03 Maintain arc lighting sources, including disconnects, overcurrent protection devices, cables, connectors, strain reliefs, mechanical connections, ballasts/power supplies, rectifiers, and batteries, by checking for approval markings, wear, light levels, obstructions, cracks, odour, routing of cables, damage, smoke, and missing, corroded, loose, and defective components; inspecting and analysing performance and function; exchanging, reconditioning, aligning, or removing devices and components from service; and using hand tools, personal protection equipment, testing devices, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.04 Install manually focused luminaires and other lighting devices, including barn doors, snoots, irises, shutters, colour media, scrollers, light diffusers, patterns, scrims, support systems, and dimmers, by checking for approval markings, wear, obstructions, capacity, cracks, odour, damage, and missing, corroded, loose, and defective components; inspecting and analysing performance and function; manually adjusting; and using hand and power tools, ladders, scaffolds, manual and powered personnel and equipment lifts, hand signals, radios and other communication devices, and personal protection equipment, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.05 Focus manually focused luminaires and other lighting devices, including barn doors, snoots, irises, shutters, colour media, scrollers, light diffusers, patterns, and scrims, by checking for wear, light levels, obstructions, cracks, odour, damage, and missing, corroded, loose, and defective components; inspecting and analysing performance and function; manually adjusting the mounting, tilt, pan, focus, and internal and external accessories and components; and using hand tools, ladders, scaffolds, manual and powered personnel and equipment lifts, hand signals, radios and other communication devices, testing devices, and personal protection equipment, according to regulatory requirements, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.06 Install automated luminaires and other automated lighting devices, including dowers, shutters, scrollers, yokes, lighting effects units, colour changers, pattern rotators, light diffusers, support systems, and dimmers, by checking for approval markings, wear, obstructions, capacity, cap cracks, odour, and missing, damaged, corroded, loose, and defective components; inspecting, analysing performance and function, and adjusting; and using hand tools, hand signals, radios and other communication devices, ladders, scaffolds, manual and powered personnel and equipment lifts, testing devices, and personal protection equipment, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.07 Test control systems and data infrastructures, including lighting control console, remote input devices, cables, and data splitters/repeaters, by checking for line power to units, signal, and addressable units; inspecting, testing and analysing performance and function; and using data analysers, consoles, ladders, scaffolds, manual and powered personnel and equipment lifts, hand signals, radio and other communication devices, testing devices, and personal protection equipment, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5358.08 Disassemble lighting and lighting devices, including barn doors, snoots, irises, shutters, colour media, scrollers, light diffusers, patterns, scrims, support systems, disconnects, overcurrent protection devices, cables, connectors, strain reliefs, mechanical connections, ballasts/power supplies, rectifiers, batteries, and dimmers, by ensuring all power is disconnected to systems and equipment; checking for approval markings, wear, obstructions, capacity, cracks, odour, and damage; inspecting, disconnecting, and separating equipment/devices/components; tagging defective equipment/devices/components; ensuring all equipment/devices/components are in a condition ready for storage/shipment/travel; and using hand and power tools, ladders, scaffolds, manual and powered personnel and equipment lifts, hand signals, radios and other communication devices, and personal protection equipment, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5359.0 Manage Portable Power Supplies and Maintain Batteries

General Performance Objective

Manage portable power supplies and maintain batteries by performing inspections of extra-low-voltage AC, and extra-low- and low-voltage DC, equipment and components; installing extra-low-voltage AC, and extra-low- and low-voltage DC, equipment and components; maintaining extra-low-voltage AC, and extra- low- and low-voltage DC, equipment and components; installing Class 1 and Class 2 wiring systems; maintaining Class 1 and Class 2 wiring systems; disassembling portable power supplies; and maintaining batteries, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

Skills:

5359.01 Perform inspection of extra-low-voltage AC, and extra-low- and low-voltage DC, equipment and components, including transformers, ballasts, inverters, chargers, rectifiers, batteries, cells, cables, switches, overcurrent protection devices, cables, connectors, strain reliefs, enclosures, fastening and mounting devices, approval markings, and mechanical connections, by checking for approval markings, wear, leaks, fluid levels, obstructions, ventilation, distortion, contamination, cracks, odour, routing of cables, and missing, damaged, corroded, loose, and defective components; and using personal protection equipment, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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

5359.02 Install extra-low-voltage AC, and extra-low- and low-voltage DC, equipment and components, including transformers, ballasts, inverters, rectifiers, batteries, luminaires, motors, cables, switches, overcurrent protection devices, wires, connectors, strain reliefs, enclosures, mechanical connections, and fastening and mounting devices, by checking for approval markings, wear, leaks, fluid levels, obstructions, ventilation, distortion, contamination, cracks, odour, routing of cables, and missing, damaged, corroded, and loose components; inspecting testing performance and function; and using hand and power tools, personal protection equipment, soldering equipment, cleaning apparatus, liquids, testing devices, rigging devices, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5359.03 Maintain extra-low-voltage AC, and extra-low- and low-voltage DC, equipment and components, including: transformers, ballasts, inverters, rectifiers, batteries, luminaires, motors, cables, switches, overcurrent protection devices, wires, connectors, strain reliefs, enclosures, mechanical connections, and fastening and mounting devices, by checking for approval markings, wear, routing of cables, leaks, fluid levels, obstructions, ventilation, distortion, contamination, cracks, odour, and missing, damaged, corroded, loose, and defective components; inspecting and testing and analysing performance and function; exchanging, reconditioning, aligning, and/or removing devices and components from service; and using hand, power, and electronic service tools; personal protection equipment; soldering equipment; cleaning apparatus; liquids; testing devices; rigging devices; ladders; scaffolds; and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers’ recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5359.04 Install Class 1 and Class 2 wiring systems, including transformers, ballasts, inverters, chargers, rectifiers, luminaires, motors, cables, switches, overcurrent protection devices, wires, connectors, strain reliefs, enclosures, mechanical connections, and fastening and mounting devices, by checking for approval markings, wear, routing of wires and cables, leaks, fluid levels, obstructions, distortion, contamination, cracks, odour, smoke, and missing, damaged, corroded, loose, and defective components; inspecting and testing and analysing performance and function; and using hand and power tools, personal protection equipment, chargers, soldering equipment, cleaning apparatus, liquids, testing devices, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5359.05 Maintain Class 1 and Class 2 wiring systems, including transformers, ballasts, inverters, rectifiers, luminaires, motors, cables, switches, current limiting devices, wires, connectors, strain reliefs, enclosures, mechanical connections, and fastening and mounting devices, by checking for approval markings, wear, routing of wires, leaks, fluid levels, obstructions, distortion, contamination, cracks, odour, smoke, and missing, damaged, corroded, loose and defective components; inspecting and testing and analysing performance and function; exchanging, reconditioning, aligning, and/or removing devices and components from service; and using hand and power tools, personal protection equipment, soldering equipment, cleaning apparatus, liquids, testing devices, ladders, scaffolds, and manual and powered personnel and equipment lifts, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5359.06 Disassemble portable power supplies, including extra-low-voltage AC, and extra-low- and low-voltage DC, equipment, and Class 1 and Class 2 wiring systems, by ensuring all power is disconnected to systems and equipment; checking for approval markings, wear, obstructions, capacity, cracks, odour, and damage; visually inspecting, disconnecting, and separating equipment/devices/components; tagging defective equipment/devices/components; ensuring all equipment/devices/components are in a condition ready for storage/shipment/travel; and using hand and power tools, testing devices, personal protection equipment, ladders, scaffolds, manual and powered personnel and equipment lifts, and road cases or shipping materials, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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5359.07 Maintain batteries, including wet and dry cells, by checking for approval markings, wear, charge and capacity, leaks, fluid levels, obstructions, ventilation, distortion, contamination, cracks, odour, smoke, and missing, damaged, corroded, loose, and defective components; inspecting testing and analysing performance and function; exchanging, reconditioning, charging, replacing, and disposing of components and liquids; and using hand and power tools, personal protection equipment, chargers, soldering equipment, cleaning apparatus, liquids, containers, and testing devices, according to regulatory requirements, codes, job requirements, manufacturers' recommendations and specifications, site conditions, company policies and procedures, and safety requirements.

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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.

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 Journey person 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 C — Skill Set Completion for Sponsors

You will find the skill set numbers and titles in the Logbook's Table of Contents. By signing off each skill set in the table below, you are providing final confirmation, as the Apprentice's Sponsor, that the Apprentice has demonstrated competency in all the mandatory skills included in the skill set.

| Skill Set # | Skill Set Title | Signing Authority Signature |
|-------------|--|-----------------------------|
| 5351.0 | Protect self and others. | |
| 5352.0 | Communicate in the workplace. | |
| 5353.0 | Utilize tools and equipment. | |
| 5354.0 | Rig, hoist, and lift. | |
| 5355.0 | Evaluate job requirements. | |
| 5356.0 | Plan, build, maintain, and disassemble systems. | |
| 5357.0 | Implement a temporary power supply | |
| 5358.0 | Install, control, and disassemble lighting. | |
| 5359.0 | Manage portable power supplies and Maintain batteries. | |

Ministry of Labour, Immigration, Training and Skills Development use only:

Sponsor verified as most recent sponsor of record: Yes () No ()

Documentation to support completion of hours attached: Yes () No ()

Completion of classroom training verified: Yes () No ()

Staff Name _____ Signature _____

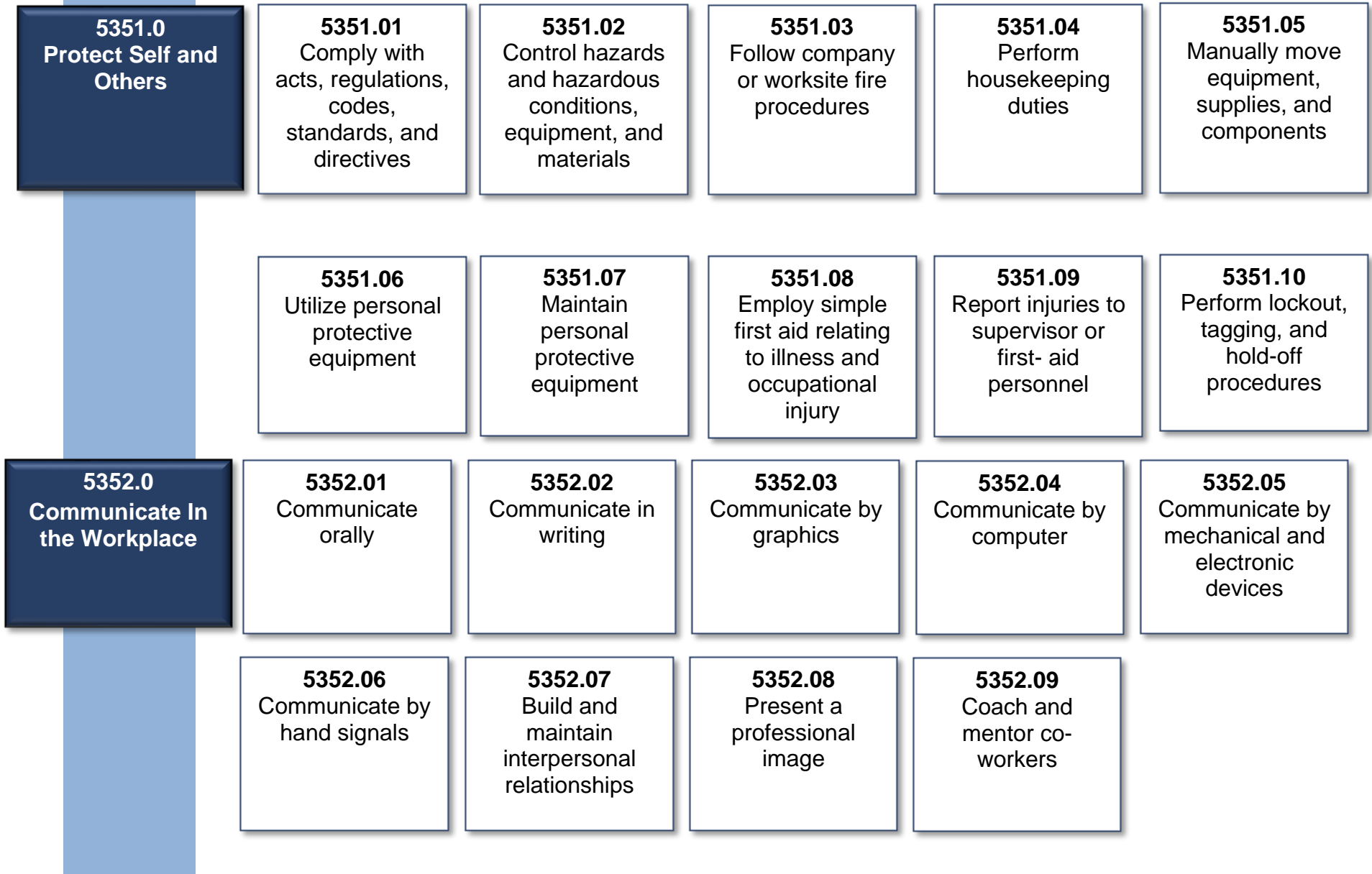
Date _____

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 | Bayside Mall, 150 Christina St North, 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



Competency Analysis Profile: Entertainment Industry Power Technician 269E (all unshaded skill sets must be completed)



Competency Analysis Profile: Entertainment Industry Power Technician 269E (all unshaded skill sets must be completed)



Competency Analysis Profile: Entertainment Industry Power Technician 269E (all unshaded skill sets must be completed)



**5359.0
Manage Portable
Power Supplies
and Maintain
Batteries**

5359.01
Perform visual inspection of extra- low-voltage AC, and extra-low- and low-voltage DC, equipment, and components

5359.02
Install extra-low-voltage AC, and extra-low- and low-voltage DC, equipment, and components

5359.03
Maintain extra-low-voltage AC, and extra-low- and low-voltage DC, equipment, and components

5359.04
Install Class 1 and Class 2 wiring systems

5359.05
Maintain Class 1 and Class 2 wiring systems

5359.06
Disassemble portable power supplies

5359.07
Maintain batteries

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



[SkilledTradesOntario.ca](https://www.skilledtradesontario.ca)