

Training Requirements Chart

Health and safety legislation is put in place to protect workers. However, construction workers often do not have the training required by law. They may not know they need it and their employers may not know they have a duty to provide it.

Training gives construction workers the knowledge to recognize the hazards they face and do their jobs safely. It helps employers fulfil their duty to protect the health and safety of their workers.

Employers

The *Occupational Health and Safety Act* (OHSA) requires employers to:

- Provide information and instruction to workers to protect their health or safety (OHSA, s.25(2)(a)).
- Carry out training programs for workers, supervisors, and committee members as prescribed (OHSA, s.26(1)(l)).

Specific training requirements are spelled out in the regulations made under the OHSA, such as the duty of employers to ensure that workers and supervisors complete a basic occupational health and safety awareness training program (O. Reg. 297/13, s.1 and 2).

Training requirements for construction workers are also found in regulations under the *Technical Standards and Safety Act, 2000* (TSSA) and the *Workplace Safety and Insurance Act* (WSIA).

NOTE: Employers must determine whether workers, regardless of their tasks, have been "adequately" trained and instructed in the hazards they will face. For example, workers who may use a fall protection system must be trained in "working at heights" before beginning work on a project, as required by Ontario Regulation 297/13. To test their level of training, employers should request a demonstration of knowledge or skill rather than accepting a "proof of training" card at face value.

Workers

The OHSA and Construction Projects regulation assigns many responsibilities to a competent person or competent worker. By definition, the person or worker must be qualified because of knowledge, training, and experience to either organize or perform the work. Therefore, anyone doing work assigned to a competent person or competent worker **MUST** be trained.

The training requirements listed in this chart are found in the following regulations:

OHSA

- Asbestos on Construction Projects and in Building and Repair Operations (Reg. 278/05)
- Confined Spaces (Reg. 632/05)
- Construction Projects (Reg. 213/91)
- Industrial Establishments (Reg. 851)
- Noise (Reg. 381/15)
- Occupational Health and Safety Awareness and Training (Reg. 297/13)
- Window Cleaning (Reg. 859)
- WHMIS (Reg. 860)

TSSA

- Fuel Industry Certificates (Reg. 215/01)
- Gaseous Fuels (Reg. 212/01)
- Propane Storage and Handling (Reg. 211/01)

WSIA

- First Aid Requirements (Reg. 1101)

NOTE: Some training may require the completion of a certification program that has been approved by the Ministry of Advanced Education and Skill Development (MAESD), which was formerly the Ministry of Training, Colleges, and Universities (MTCU).

Training Requirements Chart

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|--|--|--|--|
| Asbestos | Worker who works in a Type 1, Type 2, or Type 3 asbestos operation | Instruction and training provided by a competent person in the hazards of asbestos exposure, personal hygiene and work practices, and the use, cleaning, and disposal of respirators and protective clothing | Asbestos on Construction Projects, s.19(1) and (3) |
| | Worker who is involved in a Type 3 operation | IHSA's Asbestos Abatement Worker (or an equivalent program approved by the MAESD) | Asbestos on Construction Projects, s.20(1)(a) |
| | Supervisor who is involved in a Type 3 operation | IHSA's Asbestos Abatement Supervisor (or an equivalent program approved by the MAESD) | Asbestos on Construction Projects, s.20(1)(b) |
| Biological, Chemical, or Physical Agents (see also Hazardous Material) | Any worker who may be exposed to a biological, chemical, or physical agent that may endanger safety or health | Training in the precautions and procedures for handling, use, and storage of the agent Training in the proper use and care of required personal protective equipment Training in the proper use of emergency measures and procedures | Industrial Establishments, s.130 |
| Carbon Monoxide | Worker who carries out testing for airborne concentrations of carbon monoxide in an enclosed structure where an internal combustion engine is being operated | Competent worker | Construction Projects, s.47(4) |
| Certified Member | See Joint Health and Safety Committee (JHSC) Certification | | |
| Chainsaw | Worker who uses a chainsaw | Adequately trained in the use of a chainsaw (e.g., IHSA's Chainsaw Operation and Maintenance) | Construction Projects, s.112(1.1) |
| Compressed Air | Worker who is appointed by the employer as the superintendent of all work in compressed air at a project | Competent person | Construction Projects, s.336(1) |
| | Worker who is designated by the superintendent as lock tender at a project and who attends to the controls of an air lock | Competent worker Can speak, read, and write English competently | Construction Projects, s.337(1) |
| | Worker who is subjected to compressed air | Instructed in the hazards of working in compressed air and the health and safety measures | Construction Projects, s.336(2) |
| | Worker who is designated by the superintendent to perform the duties of the lock tender in an emergency (at least one) | Competent worker | Construction Projects, s.337(3) |
| | Worker who is designated by the superintendent to be in charge of the air compressors for a work chamber and air lock | Competent worker | Construction Projects, s.359(1) |

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|--|--|---|----------------------------|
| Confined Spaces | Firefighter or gas technician who performs emergency work in a confined space | Training in safe work practices and in the recognition of hazards associated with confined spaces (e.g., IHSA's Confined Spaces Hazard Awareness for Construction) | Confined Spaces, s.3 and 8 |
| | Person who carries out a hazard assessment related to the confined space before a worker enters | Person with adequate knowledge, training, and experience to carry out the assessment | Confined Spaces, s.6 |
| | Person who develops and implements the written plan for the confined space, including procedures to control hazards identified in the assessment | Competent person | Confined Spaces, s.7 |
| | Every worker who enters a confined space or performs related work at a workplace that is not a project | Training in safe work practices and in the recognition of hazards associated with confined spaces (e.g., IHSA's Confined Spaces Hazard Awareness for Construction) Training to work safely and properly in accordance with the employer's written plan | Confined Spaces, s.8 and 9 |
| | Person who trains workers who enter confined spaces or perform related work at a workplace that is not a project | Knowledge, training, and experience to conduct the training | Confined Spaces, s.8 |
| | Every worker who enters a confined space or who performs related work at a workplace that is a project | Training to perform the work safely in accordance with the employer's written plan Training in safe work practices and the recognition of hazards associated with confined spaces (e.g., IHSA's Confined Spaces Hazard Awareness for Construction) | Confined Spaces, s.9.1 |
| | Person who verifies that the entry permit complies with the relevant plan before each shift | Competent person | Confined Spaces, s.10(3) |
| | Persons who are available for immediate implementation of the on-site rescue procedures | Trained in on-site rescue procedures in accordance with the employer's written plan Trained in first aid and CPR Trained in the use of rescue equipment as required by the employer's written plan | Confined Spaces, s.11 |
| | Person who inspects the rescue equipment as often as necessary to ensure it is in good working order | Person with adequate knowledge, training, and experience | Confined Spaces, s.12(1) |
| | Person who performs tests before and while a worker is in a confined space to ensure that acceptable atmospheric levels are maintained in accordance with the plan | Person with adequate knowledge, training, and experience | Confined Spaces, s.18 |
| Person who inspects respiratory protective equipment, locating equipment, rescue equipment, and any other safety equipment used by workers entering the confined space | Person with adequate knowledge, training, and experience | Confined Spaces, s.19(6) and 20(5) | |

TRAINING REQUIREMENTS CHART

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|--|--|---|------------------------------------|
| Cranes, Hoisting, and Rigging | Worker who operates a crane or similar hoisting device capable of raising, lowering, or moving material that weighs more than 30,000 lb | Hoisting Engineer – Mobile Crane Operator 1 (Certificate of Qualification) | Construction Projects, s.150(1)(a) |
| | Worker who operates a crane or similar hoisting device capable of raising, lowering, or moving material that weighs between 16,000 and 30,000 lb | Hoisting Engineer – Mobile Crane Operator 1 (C of Q) OR Hoisting Engineer – Mobile Crane Operator 2 (C of Q) | Construction Projects, s.150(1)(b) |
| | Worker who operates a tower crane | Hoisting Engineer – Tower Crane Operator (Certificate of Qualification) | Construction Projects, s.150(1)(c) |
| | Worker who operates a rotary foundation drill rig with an effective torque greater than 270 kN-m | Hoisting Engineer – Mobile Crane Operator 1 (C of Q holder or apprentice) | Construction Projects, s. 156.8(1) |
| | Worker who operates a rotary foundation drill rig with an effective torque between 190 and 270 kN-m | Hoisting Engineer – Mobile Crane Operator 1 (C of Q holder or apprentice) OR Hoisting Engineer – Mobile Crane Operator 2 (C of Q holder or apprentice) | Construction Projects, s. 156.8(1) |
| | Worker who operates a rotary foundation drill rig with an effective torque between 50 and 190 kN-m | Hoisting Engineer – Mobile Crane Operator 1 (C of Q holder or apprentice) OR Hoisting Engineer – Mobile Crane Operator 2 (C of Q holder or apprentice) OR Training on the operation of a 0-8 ton mobile crane | Construction Projects, s. 156.8(3) |
| | Worker who operates a rotary foundation drill rig with an effective torque less than 50 kN-m | Training in the operation of the drill rig Demonstrates adequate knowledge and proficiency and is authorized by the employer | Construction Projects, s.156.6(1) |
| | Worker who operates a crane or similar hoisting device (other than the ones listed above) | Training in the safe operation of the crane or hoisting device | Construction Projects, s.150(2) |
| | Person who inspects a crane to ensure its structural integrity before it is used to lift persons and every 12 months after that | Professional engineer OR Competent worker designated by the professional engineer | Construction Projects, s.153(8) |
| | Worker who visually inspects the crane's structural elements and rigging equipment for defects before each use | Competent worker | Construction Projects, s.153(9) |
| Worker who is involved with the hoisting operation of a device (platform, bucket, etc.) that is capable of moving and is supported by a cable attached to the boom | Instructions about requirements, restrictions, and hazards of the hoisting operation | Construction Projects, s.153(12) | |

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---|---|---|---|
| Cranes, Hoisting, and Rigging (continued) | Worker who sets-up, assembles, extends, and dismantles a crane or similar hoisting device | Competent worker | Construction Projects, s.154(1) |
| | Person who inspects structural elements and components of a tower crane before erection, before use, after erection, after any repairs, and at intervals no greater than 12 months | Professional engineer OR Competent worker designated by the professional engineer | Construction Projects, s.158(1), 159(1), and 159(3) |
| | Worker who performs operational tests on the automatic limit switches and overload limit devices of a tower crane | Competent worker | Construction Projects, s.161(1) |
| | Worker who visually inspects all cable used by a crane or similar hoisting device at least once a week when the device is being used | Competent worker | Construction Projects, s.170(1) |
| | Worker who is designated as a signaller and who warns the operator of a hoisting device each time the equipment or load may approach the minimum distance to an energized overhead electrical conductor | Competent worker Oral training in his/her duties Oral and written instructions in a language that he/she understands | Construction Projects, s.188(8) and 106(1.5) |
| | Person who inspects the supporting surface and path of travel of a rotary foundation drill rig | Professional engineer OR Person under the direction of a professional engineer OR Competent worker OR Person with specified qualifications (as determined by a professional engineer) | Construction Projects, s.156.4(2) (j) |
| Drowning | Workers who perform rescue operations if a worker may drown at a project (at least two) | Training to perform rescue operations | Construction Projects, s.27(2) |
| Electrical Hazards | Worker who performs work on or near electrical transmission or distribution systems | Competent worker (see definition of Authorized Worker in Electrical Utility Safety Rules, s.106) | Construction Projects, s.181 Industrial Establishments, s.42.2 |
| | Worker who connects, maintains, or modifies electrical equipment or installations | Electrician – Construction and Maintenance (C of Q) OR Electrician – Domestic and Rural (if scope of work is limited to that trade) OR Otherwise permitted under the <i>Ontario College of Trades and Apprenticeship Act, 2009</i> or the <i>TSSA, 2000</i> | Construction Projects, s.182(1) |

TRAINING REQUIREMENTS CHART

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|--|--|--|---|
| Electrical Hazards (continued) | Worker who is designated as a signaller and warns the operator of a hoisting device, vehicle, or equipment each time the equipment or load may approach the minimum distance to an energized overhead electrical conductor | Competent worker | Construction Projects, s.188(8) |
| | Worker who supervises work being done on or near electrical equipment that has been disconnected but not locked out to ensure that a circuit is not inadvertently energized | Competent worker | Construction Projects, s.190(9)(b)(ii) |
| | Worker who can perform rescue operations for work being done on or near energized exposed parts of electrical equipment when it is not possible to disconnect it from the power source | Competent worker who can perform CPR OR Competent person who can perform artificial respiration | Construction Projects, s.191(8) Industrial Establishments, s.42.1(3) |
| | Worker who may be exposed to electrical shock or burn while performing work | Training in the proper use, care, and storage of rubber gloves and leather protectors | Construction Projects, s.193(6) |
| Elevating Work Platforms (EWPs) | Worker who operates an elevating work platform | Oral and written instruction Training in the operation of that class of elevating work platform that includes: • Manufacturer's instruction • Load limitations • Limitations on the kinds of surfaces it's designed to be used • A hands-on demonstration of the proper use of all controls | Construction Projects, s.147 |
| | Worker who inspects an elevating work platform each day before use | | Construction Projects, 144(3) |
| Explosives | Worker who is in charge of the blasting operations as designated by the employer responsible for blasting | Competent worker | Construction Projects, s.196(1) |
| | Worker who handles, transports, prepares, and uses explosives on a project | Competent worker OR Worker under the direct personal supervision of a competent worker | Construction Projects, s.197 |
| Explosive Actuated Fastening Tool | Worker who uses an explosive actuated fastening tool | Training in the use of an explosive actuated fastening tool | Construction Projects, s.117(1) and (2) |
| | Worker who uses a hand-held nailing gun or similar tool | Competent person who is wearing eye protection | Industrial Establishments, s.38 |
| Excavation | Person who supervises the removal of a support system for the walls of an excavation | Competent person | Construction Projects, s.239(4) |
| Fall Protection | Worker who may use a fall protection system | Training in its use (record of training) Oral and written instructions | Construction Projects, s.26.2(1) and (2) |

*Indicates a training program offered by IHSA.

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---------------------------------------|---|--|--|
| Fall Protection (continued) | Worker who is required to use any of the following means of fall protection: <ul style="list-style-type: none"> • Travel restraint system • Fall restricting system • Fall arrest system • Safety net • Work belt or safety belt | Working at Heights[†] training that has been approved by the Chief Prevention Officer as meeting the working at heights training program and training provider standards Working at Heights[†] training that has not expired (no more than three years from the successful completion date) | OHS Awareness and Training, s.7 |
| | Person who provides training and gives adequate oral and written instructions to a worker who may use a fall protection system | Competent person (Must provide and sign a record of training) | Construction Projects, s.26.2(1) and (2) |
| | Worker who inspects the travel restraint system, fall restricting system, or fall arrest system before each use | Competent worker | Construction Projects, s.26.4(3), 26.5(2), and 26.6(6) |
| | Worker who installs the safety net | Competent worker | Construction Projects, s.26.8(2) |
| | Person who inspects and tests the installation of the safety net before it's put in service | Professional engineer OR Competent person under the supervision of a professional engineer | Construction Projects, s.26.8(3) |
| | Person who inspects the horizontal lifeline system before each use | Professional engineer OR Competent worker designated by a supervisor | Construction Projects, s.26.9(8)5 |
| Fire Safety | Worker who may be required to use fire extinguishing equipment | Training in its use | Construction Projects, s.52(1.1) |
| | Worker who inspects every fire extinguisher for defects or deterioration at least once a month | Competent worker | Construction Projects, s.55 |
| First Aid | Worker who is in charge of a first aid station at a workplace employing 5 workers or less | Emergency First Aid Certificate (Must work in the immediate vicinity of the station) | First Aid Requirements, s.8(2) |
| | Worker who is in charge of a first aid station with a first aid box at a workplace employing 6 to 15 workers | Standard First Aid Certificate (Must work in the immediate vicinity of the box) | First Aid Requirements, s.9(2) |
| | Worker who is in charge of a first aid station with a first aid box at a workplace employing 16 to 199 workers | Standard First Aid Certificate (Must work in the immediate vicinity of the box) | First Aid Requirements, s.10(2) |
| | Person who is in charge of a first aid room at a workplace employing more than 200 workers | Registered nurse OR Standard First Aid Certificate (Must work in the immediate vicinity of the room and not perform other work) | First Aid Requirements, s.11(2) |
| Formwork | Person who inspects formwork and falsework before concrete placement | Professional engineer OR Competent worker designated in writing by a professional engineer | Construction Projects, s.89(3) |

[†]Indicates a training program offered by IHSA.

TRAINING REQUIREMENTS CHART

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|--|--|--|--|
| Hazardous Material | Worker who works with or who may be exposed in the course of his or her work to a hazardous product | Workplace Hazardous Materials Information System[†] (WHMIS) course* Job-specific or site-specific training—informed about all hazard information concerning the use, storage, and handling of the hazardous product | WHMIS, s.6 and 7 |
| Health and Safety Representative | Non-management worker selected by other workers at a project or other workplace where no JHSC committee is required and where the number of workers regularly exceeds five | Must receive training to enable him or her to effectively exercise the powers and perform the duties of a Health and Safety Representative (e.g., IHSA's JHSC—Part One and JHSC—Part Two . IHSA's HSR Basic E-learning can be a starting point.) | OHSA, s.8(5.1) |
| Helicopter | Pilot of a helicopter that is hoisting materials | Competent to fly an externally loaded helicopter | Construction Projects, s.167(1) |
| | Ground personnel including a signaller for a helicopter being used to hoist materials | Competent worker | Construction Projects, s.167(3) |
| Joint Health and Safety Committee (JHSC) Certified Member | Member of a JHSC who is designated to become a certified member. (At least one member representing management and one member representing workers must be certified.) | The following programs approved by the Chief Prevention Officer: <ul style="list-style-type: none"> • JHSC—Part One[†] (Generic) • JHSC—Part Two[†] (Sector-Specific) • JHSC Refresher[†] every 3 years | OHSA, s.9(12) and (13) OHS Awareness and Training, s.5(1) |
| Lifting Devices | Person who examines a lifting device to determine its capability of handling the maximum rated load | Competent person | Industrial Establishments, s.51(1)(b) |
| | Person who operates a lifting device | Competent person OR Worker being instructed who is accompanied by a competent person | Industrial Establishments, s.51(2)(a) |
| Logging | Person who works as a cutter or as a skidder operator | The following programs approved by the MAESD: <ul style="list-style-type: none"> • Cutter-Skidder Operator (P750000) • Cutter (P750010) • Skidder-Operator (P750020). | Industrial Establishments, s.105(1)1 |
| | Person who operates mechanical harvesting equipment | The following programs approved by the MAESD: <ul style="list-style-type: none"> • Mechanical Harvesting Equipment Operator—Common Core (P750025), • Feller-Buncher Operator (P750035) • Cut-to-length Process Operator (P750045) • Grapple Skidder Operator (P750055) • Forwarder/Transporter Operator (P750065) • Delimber Operator (P750075) • Slasher Operator (P750085) • Chipper Operator (P750095) | Industrial Establishments, s.105(1)2 |

*Before December 2018, WHMIS training must include both WHMIS 1988 and WHMIS 2015. After that date, only WHMIS 2015 is required.

[†]Indicates a training program offered by IHSA.

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---|---|---|---------------------------------------|
| Logging (continued) | Worker who supervises the operation of mechanical harvesting equipment | The following program approved by the MAESD: <ul style="list-style-type: none"> • Mechanical Harvesting Equipment Operator - Common Core (P750025) | Industrial Establishments, s.106.2(1) |
| Mechanical Equipment | Worker who inspects mechanically powered vehicles, machines, tools and equipment rated at more than 10 hp to identify any defects or hazardous conditions | Competent worker | Construction Projects, s.94(1) |
| Mobile Equipment | Mobile equipment operator | Competent person OR Worker being instructed who is accompanied by a competent person | Industrial Establishments, s.54 |
| | Signaller | Competent person | Industrial Establishments, s.56 |
| Occupational Health and Safety Awareness | Workers | Basic Occupational Health and Safety Awareness Training—Workers | OHS Awareness and Training, s.1(1) |
| | Supervisors | Basic Occupational Health and Safety Awareness Training—Supervisors | OHS Awareness and Training, s.2(1) |
| Personal Protective Equipment (PPE) | Worker who is required to wear protective clothing or use PPE or devices | Instruction and training in the care and use of the clothing, equipment, or device before wearing or using it | Construction Projects, s.21(3) |
| | Worker who is required to wear or use any protective clothing, equipment, or device | Instruction and training in the care and use of the protective clothing, equipment, or device before wearing or using | Industrial Establishments, s.79 |
| | Worker who has been provided with a hearing protection device by the employer | Training and instruction in the care, use, and limitations of the device, proper fitting, inspection and maintenance, and cleaning and disinfection. | Noise, s.3 |
| Pipes, Pipelines, Tanks, or other Containers | Person who carries out processing and maintenance at a petro-chemical plant under controlled conditions | Competent person | Industrial Establishments, s.62(2) |
| | Person who carries out hot-tapping and boxing-in when repairing or altering a drum, tank, pipeline, or other container under controlled conditions that provide for the protection of all persons | Competent person | Industrial Establishments, s.78(2) |
| | Worker who carries out hot-tapping and boxing-in when repairing or altering a drum, tank, pipeline, or other container under controlled conditions that provide for the protection of all persons | Competent worker | Construction Projects, s.48(2) |

TRAINING REQUIREMENTS CHART

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---|---|--|--|
| Propane | Person who activates a propane, natural gas, or oil-fired construction heater or torch with an input of 400,000 BTU/h or less and connects or disconnects it | IHSA's Propane in Construction training program OR Equivalent record of training (TSSA CH-02 certificate) | Fuel Industry Certificates, s.48 |
| | Person who activates and operates a propane-fired tar pot heater with an input of any BTU/h and connects or disconnects it | IHSA's Propane in Roofing training program OR Equivalent record of training (TSSA RE-O certificate) | Fuel Industry Certificates, s.51 |
| Roofing | Worker who operates a hoist used on a roof | Competent worker | Construction Projects, s.209(2) |
| Scaffolds | Person who inspects the scaffold before it is used | Professional engineer OR Competent worker designated by the project supervisor | Construction Projects, s.130(3) |
| | Worker who supervises the erection, alteration, and dismantling of a scaffold | Competent worker | Construction Projects, s.131 |
| Signaller | Worker who acts as a signaller to assist the operator of a vehicle, machine, or equipment when the operator's view is obstructed or if a person could be endangered by the vehicle, machine, or equipment or the load | Competent worker Adequate oral training in duties and adequate oral and written instructions in a language that the worker understands Learns visual signals and prearranges them with the operator to communicate | Construction Projects, s.104 and 106 |
| Silo, Bin, Hopper, or Storage Container (if not defined as a confined space) | Worker who keeps watch nearby | Must be capable of rendering any necessary assistance Must be equipped with a suitable alarm | Industrial Establishments, s.50(c) |
| Stilts | Worker who uses stilts at a project | Adequate training program that meets the requirements of s.116(10) | Construction Projects, s.116 |
| Supervisor | Person who is appointed a supervisor by the employer | Competent person Basic Occupational Health and Safety Awareness Training Program—Supervisors | OHSA, s.25(2)(c) OHS Awareness and Training, s.2(1) |
| | Person who is the supervisor's assistant and who supervises the work in place of the supervisor | Competent person Basic Occupational Health and Safety Awareness Training Program—Supervisors | Construction Projects, s.14(2) and 15(2) OHS Awareness and Training, s.2(1) |
| | Supervisor or a person who is appointed by the supervisor to inspect all machinery and equipment at least once a week to ensure they do not endanger any worker | Competent person | Construction Projects, s.14(3) |
| | Person who performs the tests and observations necessary to detect hazardous conditions on a project | Competent person | Construction Projects, s.14(5) |

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---|---|--|--|
| Suspended Work Platform System (SWPS), Boatswain's Chair, or Multi-Point Suspended Work Platform (MPSWP) | Worker who will be using a suspended work platform system or boatswain's chair | Successful completion of a training program that meets the requirements of s.138(2) (e.g., IHSA's Suspended Access Equipment Users). Training must be completed before using SWPS or boatswain's chair for the first time. Recertification training must be taken at least every three years or as often as necessary. Worker must receive a copy of the site-specific work plan and review it with the employer. | Construction Projects, s.138(1) Construction Projects, s.141.5(5) |
| | Worker who installs and inspects a suspended work platform system or boatswain's chair before it is put into service for the first time | Competent worker Successful completion of a training program that meets the requirements of s.138.1(3) (e.g., IHSA's Suspended Work Platform System—Installers). Training must be completed before installing or inspecting SWPS or boatswain's chair for the first time. Recertification training must be taken at least every three years or as often as necessary. | Construction Projects, s.138.1 |
| | Worker who installs, alters, or dismantles a suspended work platform system or boatswain's chair | Competent worker Successful completion of a training program that meets the requirements of s.138.1(3) (e.g., IHSA's Suspended Work Platform System—Installers). | Construction Projects, s.141.6(1) or 141.7 (2) |
| | Worker who will be on a multi-point suspended work platform for the first time | Adequate oral and written instructions for use Instructions from the manufacturer or professional engineer, instructions in load limitations and proper operation, and a hands-on demonstration. | Construction Projects, s.142.5(2) |
| | Worker who will be erecting, dismantling, traversing, or otherwise moving a multi-point suspended work platform | Instruction in the procedures for erection, dismantling, traversing and moving the MPSWPS Adequate oral and written instructions for use Instructions from the manufacturer or professional engineer, instructions in load limitations and proper operation, and a hands-on demonstration. | Construction Projects, s.142.2(15)(e) Construction Projects, s.142.5(2) |
| Traffic Control | Worker who sets up or removes traffic control measures on a roadway or shoulder of a roadway | Competent worker Adequate oral and written instructions to set up or remove the traffic control measures (e.g., IHSA's Traffic Control Temporary Work Zones) Instructions in a language the worker understands | Construction Projects, s.67(6) |
| | Worker who directs vehicular traffic | Competent worker Adequate oral and written instructions to direct vehicular traffic (e.g., IHSA's Traffic Control Temporary Work Zones) Instructions include a description of the signals that are to be used Instructions in a language the worker understands | Construction Projects, s.69(4) |

TRAINING REQUIREMENTS CHART

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---|--|---|--|
| Tunnels, Shafts, Caissons, and Cofferdams | Workers (at least four) who are readily available to perform rescues of underground workers | Trained by a competent person to perform rescues of underground workers Trained within 30 days before tunneling begins Retrained every 30 days after initial training | Construction Projects, s.265 |
| | Workers who perform underground rescue on a project where the combined length of the tunnel and shaft exceeds forty-five metres (150 ft) | Trained by a competent person in the proper operation of the self-contained breathing apparatus that has been provided Retrained every 30 days after initial training | Construction Projects, s.266 |
| | Workers on a tunnel project | Instruction in the proper use, care, maintenance, and limitations of their self-rescue respirator | Construction Projects, s.268(2) |
| | Person who is appointed by a Director to train workers to perform underground rescue and to operate their self-contained breathing apparatus | Competent person | Construction Projects, s.265(3) and 266(3) |
| | Person who inspects every self-contained breathing apparatus at least once a month, or as required by the manufacturer | Competent person | Construction Projects, s.266(12) |
| | Worker who is appointed by the supervisor in charge of the project to give first aid at a shaft or tunnel | Competent worker | Construction Projects, s.261 |
| | Worker who is appointed by supervisor in charge of the project to operate a hoist in a hoistway or shaft | Competent worker | Construction Projects, s.291(1) |
| | Worker who uses a device used for firing a charge | Competent worker | Construction Projects, s.325(2) |
| | Worker who regularly tests the air and the mechanical ventilation for an underground workplace | Competent worker | Construction Projects, s.330(2) |
| Vehicle or Powered Machine, Tool, or Equipment | Worker who operates a vehicle or powered machine, tool, or equipment at a project | Competent to operate the vehicle or powered machine, tool, or equipment | Construction Projects, s.96(1) |
| | Person who instructs and supervises a worker who is being trained to operate a vehicle or powered machine, tool, or equipment | Competent person | Construction Projects, s.96(2) |

| Topic or Hazard | Who Must Be Trained? | Training Required | Legislation |
|---|--|--|---|
| Window Cleaning | Worker who uses a suspended scaffold, boatswain's chair or similar single-point suspension equipment while window cleaning | Training in common core skills for safe use of suspended scaffolds, boatswain's chairs, or similar single-point suspension equipment (e.g., IHSA's Window Cleaning) | Window Cleaning, s.45 |
| Worker | All workers | Basic Occupational Health and Safety Awareness Training—Workers | OHS Awareness and Training, s.1(1) |
| Workplace Violence and Harassment | All workers | Information and instruction on the employer's workplace violence policy and program Information and instruction on the employer's workplace harassment policy and program | OHSA, s.32.0.5(2) OHSA, s.32.0.8 |
| Working at Heights | see Fall Protection | | |
| Workplace Hazardous Materials Information System (WHMIS) | see Hazardous Material | | |

NOTE: This chart is also available as a free download on the ihsa.ca website. Search for **Training Requirements Chart (W001)**.