

- 1 *General*
- 1.01 DEFINITIONS & GLOSSARY
 - .01 **Definitions:**
 - the *Contractor* person or business entity with whom the Owner has executed an agreement for its performance of the *Work*
 - the *Project* as defined in OHSA **S. 1(1)**, including improvements associated with any category of project itemized in that definition
 - .02 **Glossary:**
 - ACM *asbestos-containing material*
 - CSAO *Construction Safety Association of Ontario*
 - EPA *Environmental Protection Act*
 - JHSC *joint health and safety committee*
 - MOL *Ontario Ministry of Labour*
 - MSDS *material safety data sheet*
 - OHSA *the Occupational Health and Safety Act*
 - O.R. *Ontario Regulation*
 - PPE *personal protective equipment*
 - PSR *Pre-Start Health and Safety Review*
 - WSIB *Workplace Safety and Insurance Board*
 - WHMIS *Workplace Hazardous Materials Information System*
- 1.02 EXPECTATIONS
 - .01 It is intended that the provisions of this section be implemented for any construction project undertaken on the Owner's premises.
 - .02 Notwithstanding the generality of provision 1.02.01, all provisions of this section may not apply for a given project. The *Contractor* is responsible for ensuring that applicable provisions are implemented.
 - .03 At the request of the *Contractor*, the Owner shall provide direction on the applicability of any provision of this section.
- 1.04 RELATED SECTIONS
 - .01 **00100**—*Instructions to Bidders.*
 - .02 **01001**—*General Requirements.*
- 1.05 REFERENCES
 - .01 EPA:
 - .01 General - Waste Management—O.R. 347.

- .02 OHSA:
 - .01 Construction Projects—O.R. 213/91.
 - .02 Control of Exposure to Biological and Chemical Agents—O.R. 833.
 - .03 Designated Substance – Asbestos—O.R. 837.
 - .04 Designated Substance – Asbestos on Construction Projects and in Buildings and Repair Operations—O.R. 838.
 - .05 Regulation for Industrial Establishments—O.R. 851.
 - .06 WHMIS—O.R. 860.
 - .07 First Aid Requirements—O.R. 1101.
- .03 CSAO:
 - .01 Trenching Safety—Publication M026 (ISBN 0-919465-50-1).
 - .02 Basics of Fall Protection—User's Guide Publication M053 (ISBN 0-919465-86-2).
 - .03 Contractor's Guide—Effective Health and Safety Programs (ISBN 0-919465-89-7).
- 1.06 SUBMISSIONS
 - .01 Submit to the Owner the following documents in accordance with the schedule stipulated therefor:
 - .01 Lakehead University Contractor's Safety Checklist duly completed and signed by the representative of the *Contractor* at the pre-construction meeting.
 - .02 Subsistent WSIB Clearance Certificate with price submission and, subsequently, with each application for payment.
 - .03 Within ten (10) days after confirmation of award:
 - .01 *Contractor's* health and safety program, including site and emergency plans, in accordance with OHSA S. 25(2)(j);
 - .02 MOL Notice of Project pursuant to O.R. 213/91 S. 6(3);
 - .03 Certification of the supervisor's qualifications.
 - .04 Reports of hazardous materials test results within five (5) days after performance of testing therefor.
 - .05 Minutes of proceedings of JHSC established pursuant to OHSA S. 9(4) within five (5) days after the date of a meeting thereof.
 - .06 Prior to *Substantial Performance of the Work*:
 - .01 Certificates of final inspection issued by the respective authorities having jurisdiction;
 - .02 MSDS for project materials.
- 2 *Products*
 - 2.01 PPE
 - .01 Protective clothing and equipment provided to workers by the *Contractor*: as prescribed in applicable regulations and otherwise in accordance with health and safety practices acceptable for the *Work*.
 - 2.02 FLEXIBLE ELECTRICAL CORD
 - .01 Flexible cord used for transmission of electric energy to temporary electrical equipment: CSA type SOW, or more stringent designation; consisting of copper conductors having minimum 14 AWG size and receptacles of 5-15R configuration for 125 V—15 AMPERE service; bearing *legible* markings identifying CSA type, and quantity and gauge of conductors.
- 3 *Execution*

3.01 GENERAL

- .01 Exercise a standard of care appropriate to the circumstances by taking all reasonable precautions to protect the health and safety of workers, the Owner's constituents and public personnel.
- .02 Perform the *Work* in accordance with provisions of OHS Regulations for Construction Projects, WHMIS Regulation, Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations, and any regulation pertaining to the *Project*.
- .03 Perform electrical work in conformity to the Ontario Electrical Safety Code. At the direction of the Owner, **immediately remove from the workplace** flexible cord that does not conform to specifications in provision 2.02.01 hereof, or that is deemed at the discretion of the Owner solely to be unsafe or not in proper working condition.
- .04 Provide the Owner with minimum 2-hour advance notice of requirement for disconnecting power supply circuits. Circuits shall be locked out of service and tagged by both the Owner's electrician and the *Contractor's* electrician with the Owner's lock being attached first and removed last.
- .05 Notwithstanding any other provision herein contained, do not proceed with any work when to do so would involve any risk to the safety of persons or property. Immediately report the full circumstances of the situation to the Owner and obtain from the Owner and implement such instructions as are necessary to enable the *Work* to proceed without such risk.
- .06 Immediately report to the Owner and authorities having jurisdiction any accident or incident involving the *Contractor*, Owner, public personnel and/or property arising from execution by the *Contractor* of the *Work*.
- .07 The *Contractor* and any trade contractor or agent shall inform the Owner of any notices, warnings, or asserted violations issued by any authorities having jurisdiction relative to the *Work*.
- .08 The Owner reserves the right to require the *Contractor* to remove from the workplace any of its personnel not properly observing or complying with the Owner's prescribed safety requirements or policies.

3.02 SITE SECURITY

- .01 Erect barricades or hoarding as required to protect the public, workers and public and private property from injury or damage.
- .02 Demarcate the workplace with appropriate, legible signs.
- .03 Exercise control over the operation of construction equipment to ensure protection of vehicles and pedestrians using University or municipal thoroughfares adjacent to the workplace.
- .04 Enclose electric arc welding sites with opaque screening to protect passersby from eye injury caused by flashes.
- .05 Securely cover openings in building envelope resulting from construction activity to prevent entry of unauthorized persons.

3.03 PPE

- .01 Workers employed by the *Contractor* shall use protective clothing and equipment prescribed in applicable regulations and otherwise in accordance with health and safety practices acceptable for the *Work*.
- .02 **All persons at the workplace shall wear protective headwear—O.R. 213/91 S. 22(1).**
- .03 Workers employed by the *Contractor* shall carry a subsistent certificate acknowledging completion of the BASICS of FALL PROTECTION training program published by CSAO and presented by a competent person.
- 3.04 FIRE SAFETY
 - .01 Perform work that may involve a source of ignition in accordance with the Owner's Hot Work Permit procedure.
 - .02 Phone 343-**8911** (Security Services) to report a fire.
- 3.05 REMOVAL OF HAZARDOUS MATERIALS
 - .01 Conform to provisions of pertinent regulations and procedures cited in provision 1.05 hereof.
 - .02 Employ workers competent in testing, removal and disposal of hazardous materials.
 - .03 Prior to commencement of construction work, perform control testing to establish hazardous material concentration at the workplace.
 - .04 Following completion of the *Work*, perform testing to establish hazardous material concentration at the workplace.
 - .05 ACM:
 - .01 A report identifying ACM at the workplace is included at the end of this section.
 - .02 Prior to construction, remove ACM designated by the Owner that is susceptible to mechanical disturbance. Dispose of such material off of the Owner's property in the manner prescribed by the appropriate authority having jurisdiction therefor.
 - .03 Where ACM serving as fire protection for structural steelwork has been removed, replace with material having an equivalent fire protection rating.
- 3.06 PSR
 - .01 Do not start operation or use of a process or apparatus for which the Owner has determined that a PSR is required until the Owner has certified to the Contractor that implementation of requisite measures identified during the PSR has been verified.

END OF SECTION