

PART 1 - GENERAL

1.1 References

1. Canadian Standards Association (CSA):
 1. CSA S350-M1980 (R2003) Code of Practice for Safety in Demolition of Structures.
2. National Building Code 2015 (NBC):
 1. Division B, Part 8 Safety Measures at Construction and Demolition Sites
3. National Fire Code 2015 (NFC):
 1. NFC 2015, division B, Part 2 Emergency Planning, subsection 2.8.2 Fire Safety Plan.
4. Province of Ontario:
 1. Occupational Health and Safety Act and Regulations for Construction Projects, Revised Statutes of Ontario 1990, Chapter O.1 as amended, O. Reg. 213/91 as amended, Reg. 834, O. Reg. 278/05 (Asbestos - Construction).
 2. Workplace Safety and Insurance Act, 1997
 3. Municipal statutes and authorities.
5. Fire Commissioner of Canada (FCC):
 1. FC-301 Standard for Construction Operations, June 1982.
 2. FC-302 Standard for Welding and Cutting, June 1982.
6. Canadian Labour Code Part 2.

1.2 Submittals

1. Make submittals in accordance with Sections 01 01 00 and 01 33 00.
2. Submit site-specific Health and Safety Plan: Within 5 days after date of Award of Contract and prior to commencement of Work. Health and Safety Plan must include:
 1. Results of site specific safety hazard assessment.
 2. Results of safety and health risk or hazard analysis for site tasks and operations.
 3. Measures and controls to be implemented to address identified safety hazards and risks.
 4. Contractor's and Sub-contractors' Safety Communication Plan.
 5. Contingency and Emergency Response Plan addressing standard operating procedures specific to the project site to be implemented during

emergency situations, including evacuating injured personnel from the site and areas of limited or special access such as height.

3. Engineer will review Contractor's site-specific Health and Safety Plan and may provide comments to Contractor within 5 days after receipt of plan. Revise plan as appropriate and resubmit plan to Engineer within 5 days after receipt of comments from Engineer.
4. Engineer's review of Contractor's final Site Specific Health and Safety Plan should not be construed as approval and does not reduce the Contractor's overall responsibility for construction site health and safety.
5. Submit records of Contractor's Safety Meetings at site meetings.
6. Submit 1 copy of the Contractor's authorized representative's work site health and safety inspection reports to Engineer when requested.
7. Submit copies of reports or directions issued by safety inspectors of authority having jurisdiction.
8. Submit copies of near-miss, incident, and accident reports, and/or confirmation monthly that no incidents have occurred.
9. Submit Material Safety Data Sheets (MSDS) for all products and items used on site to Departmental Representative.
10. Submit names of personnel and alternates responsible for site safety and health.
11. Submit Workplace Safety and Insurance Board (WSIB), Experience Rating Report for Province of Ontario.

1.3 Filing of Notice

1. File Notice of Project with Provincial authorities prior to commencement of Work.

1.4 Safety Assessment

1. Perform site specific safety hazard assessment, related to project, identifying all potential hazards that may affect workers or the public, particularly related to but not limited to contaminants present in soil and groundwater as identified in Environmental Reports as provided by NCC.

1.5 Meetings

1. Pre-construction meeting: schedule and administer Health and Safety meeting with Engineer prior to commencement of work.

1.6 Regulatory Requirements

1. Comply with Acts and regulations of the Province of Ontario.
2. Comply with specified standards and regulations to ensure safe operations at site.
3. In event of conflict between any provisions of specified standards and regulations, the most stringent provision governs.

1.7 Project Site Conditions

1. Work at the site will also involve:
 1. A Hazard Assessment and listing of designated substances on site such as contaminated soils.
 2. Contact with silica/dust in Concrete.
 3. Work near water.
 4. Ice (depending on timing of construction of shore pier).
 5. Work near utilities including overhead utilities.

1.8 General Requirements

1. Develop an independent written site-specific Health and Safety Plan based on hazard assessment prior to commencing any site Work and continue to implement, maintain, and enforce plan until after final demobilization from site. Health and Safety Plan must address project specifications.
2. Relief from or substitution for any portion or provision of minimum Health and Safety Guidelines specified herein or reviewed site-specific Health and Safety Plan shall be submitted to Engineer in writing. Engineer will respond in writing, where deficiencies are noted and request resubmission with correction of deficiencies either accepting or requesting improvements.

1.9 Responsibility

1. Be responsible for safety of persons and property on site and for protection of environment to extent that they may be affected by conduct of Work.
2. Comply with and enforce compliance by employees with safety requirements of Contract Documents, applicable federal, provincial, and local statutes, regulations, and ordinances, and with site-specific Health and Safety Plan.
3. The Contractor shall be designated "Constructor", as defined by Ontario Act.

1.10 Compliance Requirements

1. Comply with Ontario Occupational Health and Safety Act, R.S.O., 1990 Chapter 0.1, as amended.

1.11 Unforeseen Hazards

1. Should any unforeseen or peculiar safety-related factor, hazard, or condition become evident during performance of Work, immediately stop work and advise Engineer verbally and in writing.
2. Follow procedures in place for Employees Right to Refuse Work as specified in the Act for the Province of Ontario and Canada Labour Code Part 2.

1.12 Health and Safety Coordinator

1. Employ and assign to Work, competent and authorized representative as Health and Safety Coordinator. Health and Safety Coordinator must:
 1. Have site-related working experience specific to activities associated with abatement of lead containing materials remediation of contaminated soil.
 2. Have working knowledge of occupational safety and health regulations.
 3. Be responsible for completing Contractor's Health and Safety Training Sessions and ensuring that personnel not successfully completing required training are not permitted to enter site to perform Work.
 4. Be responsible for implementing, enforcing daily and monitoring site-specific Contractor's Health and Safety Plan.
 5. Be on site during execution of Work and report directly to site supervisor.

1.13 Posting of Documents

1. Ensure applicable items, articles, notices and orders are posted in conspicuous location on site in accordance with Acts and Regulations of Province of Ontario, and in consultation with Engineer.
 1. Contractor's Safety Policy.
 2. Constructor's Name.
 3. Notice of Project.
 4. Name, trade, and employer of Health and Safety Representative or Joint Health and Safety Committee members.
 5. Ministry of Labour Orders and reports.
 6. Occupational Health and Safety Act and Regulations for Construction Projects for Province of Ontario.
 7. Address and phone number of nearest Ministry of Labour office.
 8. Material Safety Data Sheets.
 9. Written emergency Response Plan.
 10. Site Specific Safety Plan.
 11. Copy of Valid certificate of first aid personnel on duty.
 12. WSIB "In Case of Injury At Work" poster.
 13. Location of toilet and cleanup facilities.
 14. Any special handling or procedures specific to the site.
2. Comply with Provincial general posting requirements.

1.14 Correction of Non-Compliance

1. Immediately address health and safety non-compliance issues identified by Engineer and regulatory agency having jurisdiction in the Province or any individual who notes a safety related issue.
2. Provide Engineer with written report of action taken to correct non-compliance of health and safety issues identified.
3. Engineer may stop Work if a perceived non-compliance of health and safety regulations is perceived to not be immediately corrected.

1.15 Work Stoppage

1. Give precedence to safety and health of public and site personnel and protection of environment over cost and schedule considerations for Work.
2. Assign responsibility and obligation to Competent Supervisor to stop or start Work when, at Competent Supervisor's discretion, it is necessary or advisable for reasons of health or safety. Engineer or, their designates, may also stop Work for health and safety considerations.

PART 2 - PRODUCTS

2.1 Not Used

1. Not Used.

PART 3 - EXECUTION

3.1 Not Used

1. Not Used.

***** END OF SECTION *****