

## **1 GENERAL**

### **1.01 RELATED WORK**

- .1 Section 01 35 29.06 - Health and Safety Requirements.

### **1.02 REFERENCES**

- .1 FCC No. 301-June 1982 Standard for Construction Operations.
- .2 FCC No. 302-June 1982 Standard for Welding and Cutting.
- .3 Above-noted FCC standards, may be viewed at the Regional Labour Canada Office located at Baine Johnson Centre, 10 Fort William Place, St. John's, NL, A1C 1K4 Tel: 1-800-641-4049; fax 1-709-772-5985.

### **1.03 DEFINITIONS**

- .1 Hot Work defined as:
  - .1 Welding work.
  - .2 Cutting of materials by use of torch or other open flame devices.
  - .3 Grinding with equipment which produces sparks.
  - .4 Torching operations.

### **1.04 FIRE SAFETY REQUIREMENT**

- .1 Implement and follow fire safety measures during Work. Comply with following:
  - .1 National Fire Code, 1995.
  - .2 Fire Protection Standards FCC 301 and FCC 302 as issued by the Fire Protection Services of Human Resources Development Canada.
  - .3 Federal and Provincial Occupational Health and Safety Acts and Regulations as specified in Section 01 35 29.06.
- .2 In event of conflict between any provisions of above authorities the most stringent provision will apply. Should a dispute arise in determining the most stringent requirement, Departmental Representative will advise on the course of action to be followed.

### **1.05 HOT WORK AUTHORIZATION**

- .1 Obtain Departmental Representative's "Authorization to Proceed" before conducting any form of hot work on site.
- .2 To obtain authorization submit to Departmental Representative:
  - .1 Contractor's hot work procedures to be followed on site to ensure fire safety.
  - .2 Description of the type and frequency of hot work required.
  - .3 Completed Hot Work Permit.

- .3 Upon review and confirmation that effective fire safety measures will be implemented during performance of hot work, Departmental Representative will provide "Authorization to Proceed" as follows:
  - .1 Issue one (1) written Authorization to Proceed covering the entire project and duration of Work or;
  - .2 Issue individual Authorization to Proceed for specific items of work by requiring Contractor to fill out individual Hot Work Permit for each hot work event as determined by Departmental Representative.
- .4 Frequency for Hot Work Permit based on:
  - .1 Nature of phasing of work;
  - .2 Risk to facility operations;
  - .3 Quantity of various trades needing to perform hot work on project or;
  - .4 Other situations deemed necessary by Departmental Representative to ensure fire safety on premises.
- .5 Do not perform any hot work until receipt of Departmental Representative's written Authorization to Proceed.
- .6 Hot work to be performed inside building can only be done during Facility non-operational periods. Coordinate with Facility Manager through the Departmental Representative in this regard.
- .7 Failure to comply with the established hot work procedures may result in the issuance of a Non-Compliance Notification at Departmental Representative's discretion with possible disciplinary measures imposed as specified in Section 01 35 29.06.

#### **1.06 HOT WORK PROCEDURES**

- .1 Develop and implement safety procedures and work practices to be followed during the performance of hot work.
- .2 Procedures to include:
  - .1 Requirement to perform hazard assessment of site and immediate hot work area for each hot work event in accordance with Hazard Assessment and Safety Plan requirements of Section 01 35 29.06.
  - .2 Use of a Hot Work Permit system for each event for hot work.
  - .3 Permit shall be issued by Contractor's Superintendent granting permission to worker or subcontractor to proceed with hot work.
  - .4 Provision of a designated person(s) to carry out a Fire Safety Watch for a minimum of 60 minutes immediately upon completion of the hot work.
  - .5 Compliance with fire safety codes and standards specified herein and occupational health and safety regulations specified in Section 01 35 29.06.
- .3 Generic procedures, if used, must be edited, supplemented with pertinent information and tailored to reflect specific project conditions. Clearly label as being the hot work procedures applicable to this contract.
- .4 Hot work procedures to be in typewritten format, listing step by step procedures and worker instructions, clearly establishing and allocating responsibilities

of:

- .1 Worker(s),
  - .2 Designated person authorized to issue the Hot Work Permit,
  - .3 Fire Safety Watcher,
  - .4 Subcontractors and Contractor.
- .5 Brief all workers and subcontractors on hot work procedures and permit system.

#### **1.07 FIRE PROTECTION AND ALARM SYSTEMS**

- .1 Fire protection and alarm systems shall not be:
  - .1 Obstructed.
  - .2 Shut-off, unless approved by Departmental Representative.
  - .3 Left inactive at the end of a working day or shift.
- .2 Do not use fire hydrants, standpipes and hose systems for purposes other than firefighting.
- .3 Costs incurred, from the fire department, building owner and tenants, resulting from negligently setting off false alarms will be charged to the Contractor in the form of financial progress payment reductions and holdback assessments against the Contract.

#### **1.08 DOCUMENTS ON SITE**

- .1 Keep Hot Work Permits and hazard assessment documentation on site for duration of Work.
- .2 Upon request, make available to Departmental Representative or to authorized safety representative for inspection.

**END OF SECTION**