

Wharf Reconstruction  
Seal Cove White Bay, NL

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## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

.1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

### 1.2 SUMMARY

.1 Section Includes:  
1. Fuses - Low Voltage.

### 1.3 REFERENCES

.1 Canadian Standard Association (CSA).  
1. CSA C22.2No.248.12-94, Low Voltage Fuses Part 12: Class R (Bi-National Standard with, UL 248-12 (1st Edition).

### 1.4 SHOP DRAWINGS AND PRODUCT DATA

1. Submit shop drawings and product data in accordance with Division 01 - Submittal Procedures.

### 1.5 DELIVERY AND STORAGE

1. Ship fuses in original containers.  
2. Do not ship fuses installed in switchboard.  
3. Store fuses in original containers in storage cabinet in a moisture free location.

### 1.6 MAINTENANCE MATERIALS

1. Provide maintenance materials in accordance with Division 01 - Closeout Submittals.  
2. Six spare fuses of each type and size installed up to and including 600 A.

## PART 2 - PRODUCTS

### 2.1 FUSES GENERAL

1. Fuse type references L1, L2, J1, R1, etc. have been adopted for use in this specification.  
2. Fuses: product of one manufacturer for entire project.

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## 2.2 FUSE TYPES

1. Class J fuses (formerly HRCI- J).
  1. Type J1, time delay, capable of carrying 500% of its rated current for 10 s minimum.
  2. Type J2, fast acting.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

1. Install fuses in mounting devices immediately before energizing circuit.
2. Ensure correct fuses fitted to physically match mounting devices.
  1. Install Class R rejection clips for HRCI-R fuses.
3. Ensure correct fuses fitted to assigned electrical circuit.
4. Where UL Class RK1 fuses are specified, install warning label "Use only UL Class RK1 fuses for replacement" on equipment.