

**Part 1            General**

**1.1                REFERENCES**

- .1    Canadian Standards Association (CSA International)
  - .1        CSA C22.2 No. 100-04, Motors and Generators.
- .2    Electrical and Electronic Manufacturers' Association of Canada (EEMAC)
  - .1        EEMAC M1-7, Standard for Motors and Generators.

**1.2                SUBMITTALS**

- .1    Submittals: in accordance with Section 01 33 00 - Submittal Procedures.
- .2    Product Data: submit WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 47 15 - Sustainable Requirements: Construction and include: product characteristics, performance criteria, physical size, horsepower, watt rating, limitations and finish.
- .3    Shop drawings:
  - .1        Indicate dimensions, recommended installation procedure, wiring diagrams, sizes and location of mounting bolt holes and recommended support method.
- .4    Quality Assurance Submittals:
  - .1        Certificates: submit certificates signed by manufacturer certifying that materials comply with specified performance characteristics and physical properties.
  - .2        Manufacturer's Instructions: submit manufacturer's installation instructions.
- .5    Closeout Submittals:
  - .1        Provide maintenance data for fractional horsepower motors for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

**1.3                WASTE MANAGEMENT AND DISPOSAL**

- .1    Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2    Collect, package and store expired motors for either recycling or rebuilding and return to recycler or rebuilder.

**Part 2            Productsfractional Horsepower Motor**

- .1    Non-hazardous locations: to CSA C22.2 No. 100 and EEMAC M1-7.
- .2    Motor with inherent overheating protectors.

**Part 3 Execution**

**3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

**3.2 INSTALLATION**

- .1 Install wiring, flexible connections and grounding.
- .2 Check rotation before coupling to driven equipment.

**3.3 CLEANING**

- .1 Proceed in accordance with Section 01 74 11 - Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

**END OF SECTION**