

# SPECIFICATIONS

## 2.4 ISOLATION COATING

- .1 Isolate aluminum from following components, by means of bituminous paint:
  - .1 Dissimilar metals except stainless steel, zinc, or white bronze of small area.
  - .2 Concrete, mortar and masonry.
  - .3 Wood.

## 2.5 SHOP PAINTING

- .1 Apply one shop coat of primer to metal items, with exception of galvanized or concrete encased items.
- .2 Use primer unadulterated, as prepared by manufacturer. Paint on dry surfaces, free from rust, scale, grease. Do not paint when temperature is lower than 7 degrees C.
- .3 Clean surfaces to be field welded; do not paint.

## 2.6 PIPE RAILINGS

- .1 Steel pipe: size, formed to shapes and sizes as indicated.
- .2 Shop coat prime interior railings after fabrication. Alternate price galvanize exterior pipe railings

## 3 Execution

### 3.1 ERECTION

- .1 Do welding work in accordance with CSA W59 unless specified otherwise.
- .2 Provide suitable means of anchorage acceptable to consultant such as dowels, anchor clips, bar anchors, expansion bolts and shields, and toggles.
- .3 Exposed fastening devices to match finish and be compatible with material through which they pass.
- .4 Provide components for building by other sections in accordance with shop drawings and schedule.
- .5 Make field connections with bolts to CAN/CSA\_S16.1, or weld.
- .6 Hand items over for casting into concrete or building into masonry to appropriate trades together with setting templates.
- .7 Touch-up rivets, field welds, bolts and burnt or scratched surfaces after completion of erection with primer.
- .8 Touch-up galvanized surfaces with zinc rich primer where burned by field welding.

### 3.2 CLEANING

- .1 Perform cleaning after installation to remove construction and accumulated environmental dirt.
- .2 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION

## 099000 PAINTING

### Part 1 General

#### 1.1 REFERENCES

SPEC NOTE: Edit list of standards to include only those standards referenced in project specification.

- .1 American Society for Testing and Materials International, (ASTM).
  - .1 ASTM D610\_[01], Test Method for Evaluating Degree of Rusting on Painted Steel Surfaces.
  - .2 ASTM D2369\_[03], Test Method for Volatile Content of Coatings.
  - .3 ASTM D2832\_[92(R1999)], Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings.
  - .4 ASTM D5326\_[94a(2002)], MPI-9 Test Method for Color Development in Tinted Latex Paints.
- .2 Environmental Choice Program (ECP).
  - .1 CCD-048-[95], Recycled Water\_borne Surface Coatings.
  - .2 CCD-047a-[98], Paints - Surface Coatings.
  - .3 Federal Standard (FS).
    - .1 FS\_595B\_[89], Paint Colours.

### Part 2 Products

#### 2.1 MATERIALS

- .1 Acceptable paint manufactures
  - .1 Glidden Professional
  - .2 PPG Architectural Finishes, Inc.
  - .3 Sherwin Williams Benjamin Moore & Co.
- .2 Source Limitations: Obtain paint materials from single source from single listed manufacturer.

#### 2.2 PAINT

- .1 Structural Steel and Metal Fabrications:
  - .1 EXT 5.1C Water based light industrial G5 coating over alkyd primer. Colour to be determined by City of Winnipeg Contract Administrator

### Part 3 Execution

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.
- .2 Complete work in accordance with Master Painters Institute Specifications and approved procedures.

END OF SECTION



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CLIENT REVIEW SIGNATURE:



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