

Part 1 General**1.1 RELATED SECTIONS**

- .1 Section 01 00 10 – General Instructions.
- .2 Section 21 05 01 – Common Work Results for Mechanical.

1.2 REFERENCES

- .1 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-1.181-99, Ready-Mixed Organic Zinc-Rich Coating.

1.3 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle in accordance with Section 01 00 10 – General Instructions.
- .2 Deliver materials to site in original factory packaging, labelled with manufacturer's name, address.
- .3 Packaging Waste Management: remove for reuse and return by manufacturer of pallets crates padding and packaging materials in accordance with Section 01 00 10 – General Instructions.

Part 2 Products**2.1 NOT USED**

- .1 Not Used.

Part 3 Execution**3.1 APPLICATION**

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

3.2 CONNECTIONS TO EQUIPMENT

- .1 In accordance with manufacturer's instructions unless otherwise indicated.
- .2 Use valves and either unions or flanges for isolation and ease of maintenance and assembly.
- .3 Use double swing joints when equipment mounted on vibration isolation and when piping subject to movement

3.3 CLEARANCES

- .1 Provide clearance around systems, equipment and components for observation of operation, inspection, servicing, maintenance and as recommended by manufacturer.
- .2 Provide space for disassembly, removal of equipment and components as recommended by manufacturer or as indicated (whichever is greater) without interrupting operation of other system, equipment, components.

3.4 CONDENSATION DRAIN LINES

- .1 Install piping with grade in direction of flow except as indicated.

3.5 PIPEWORK INSTALLATION

- .1 Protect openings against entry of foreign material.
- .2 Assemble piping using fittings manufactured to ANSI standards.
- .3 Slope piping, except where indicated, in direction of flow for positive drainage.
- .4 Ream pipes; remove scale and other foreign material before assembly.
- .5 Use eccentric reducers at pipe size changes to ensure positive drainage.

3.6 SLEEVES

- .1 General: Install where pipes pass through enclosure wall assemblies and/or roof assemblies.
- .2 Sleeve piping through enclosure walls. Coordinate all sleeve size and locations with enclosure manufacturer to ensure that structure integrity is not compromised.

END OF SECTION