

SECTION 11290 - HYDRAULIC GATES, GENERAL

City of San Diego, CWP Guidelines

PART 1 -- GENERAL

1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing flap gates, slide and stop gates, sluice and shear gates with operators and accessories.
- B. The WORK also requires that one manufacturer accept responsibility for furnishing all gates of each type as indicated but without altering or modifying the CONTRACTOR'S responsibilities under the Contract Documents.
- C. The WORK additionally requires that the one manufacturer who accepts the indicated responsibility for each type of gate shall manufacture all gates of that type.
- D. The WORK of this Section applies to the WORK of the following Sections:
 - 1. Section 11291 Flap Gates
 - 2. Section 11292 Slide/Stop Gates
 - 3. Section 11293 Sluice and Shear Gates

1.2 RELATED SECTIONS

- A. The WORK of the following Section applies to the WORK of this Section. Other Sections of the Specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.
 - 1. Section 06610 Glass Fiber and Resin Fabrications, General
 - 2. Section 11000 Equipment General Provisions

1.3 SPECIFICATIONS AND STANDARDS

- A. Specifications and standards shall comply with Section 11000 and shall include the following:
 - 1. ANSI/AWWA C501 Cast Iron Sluice Gates
 - 2. ASTM A 126 Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings
 - 3. ASTM A 276 Specifications for Stainless Steel and Heat-Resisting Steel Bars and Shapes
 - 4. ASTM F 593 Specification for Stainless Steel Bolts, Hex Cap Screws and Studs
 - 5. ASTM F 594 Specification for Stainless Steel Nuts

6. ASTM B 21 Specification for Naval Brass Rod, Bar and Shapes
7. ASTM B 98 Specification for Copper-Silicone Alloy Rod, Bar and Shapes
8. ASTM B 584 Specification for Copper Alloy Sand Castings for General Applications

1.4 SHOP DRAWINGS AND SAMPLES

- A. In addition to the requirements of Section 11000, the following shall be submitted in compliance with Section 01300:
 1. Manufacturer's installation instructions.
 2. Schedule of gates indicating gate identification and location.

1.5 OWNER'S MANUAL

- A. In addition to the requirements of Section 11000, the following shall be submitted in compliance with Section 01300:
 1. Manufacturer's installation instructions.
 2. List of special tools.
 3. Schedule of gates indicating gate identification and location.
 4. Certification by CONTRACTOR and manufacturer that products comply with the indicated requirements.

1.6 SERVICES OF MANUFACTURER

- A. Services of manufacturer shall be provided in accordance with Section 11000 when listed in specific gates sections.

PART 2 -- PRODUCTS

2.1 GENERAL

- A. Hydraulic gates and their components shall comply with Section 11000 and Section 06610.

PART 3 -- EXECUTION

3.1 INSTALLATION

- A. Installation shall comply with the manufacturer's installation instructions, Section 11000, this Section, and the requirements of the individual gates sections.

** END OF SECTION **