

SECTION 151050
SHEAR GATE (S-107)

1. DESCRIPTION

This specification shall govern all work required to furnish shear gates required to complete the project.

2. GENERAL

Shear gates shall be full opening, circular port, iron body, with a bronze seat (both body ring and gate ring) and furnished with a spigot end unless indicated otherwise on the plans. The body, gate and wedges shall be cast iron conforming to ASTM A-126 Class B. The valve shall be furnished with 2 wedges bolted to the body which may be replaced due to wear. The gate shall pivot on a bronze hinge pin. The bronze gate seat ring shall be machined to a smooth finish. The body seat ring shall be bronze, threaded and screwed into place and be machined to a smooth finish. The shear gate shall be furnished with an adjustable stop on wedge to prevent jamming gate to seat. Shear gates shall be furnished and installed with lifting handles as indicated on the plans.

3. PAINTING

Valves and lifting handles shall be painted in accordance with Section 099020.

4. MEASUREMENT AND PAYMENT

Unless indicated otherwise in the proposal, Shear Gates shall not be measured and are considered subsidiary to the appropriate bid item.