
Special Provision to Special Specification 7196

Water Mains and Service Lines



Special Specification 7196, "Water Mains and Service Lines" is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 2.3 "Steel Pipe, Fittings and Flanges," is amended to include the following section:

2.3.9. Split Steel Casing Pipe.

Steel casing pipe must conform to ASTM A134 with a minimum thickness of 3/8 in.; actual thickness will be as shown on the plans.

Ensure each section is split in half sections. Pipe ends and split sections will be beveled and suitable for field butt welding.

Section 3.2.9.1 "Steel Pipe," is amended to include the following section:

3.2.9.1.5. Split Steel Casing Pipe.

Ensure the completed and shaped trench allows for enough space to receive the casing and is wide enough to provide free working space for installing the spacers and casing and backfilling under and around the installed casing.

Hold the split casing in place for welding by using hinges, coupling bands, or any other acceptable method. Use tables, "V" notches or straps equally spaced to sustain split casing shape.

Perform welds conforming to the requirements of AWWA Standard C206. Provide welds capable of developing the full strength of the pipe throughout the joint and casing split. Ensure welds run along the horizontal plane of the split casing.

Welders appointed to do welding on steel pipe must be certified with 4F and 5G certification. All welds must be sound, free from embedded scale and slag, must have a tensile strength across the weld not less than that of the thinner of the connective sections, and must be water tight. Use butt welds for all welded joints in line-pipe assemblies and in the fabrication of bends and other specials. All welds must be subject to pre-manufacturing inspection and available to the Inspector and Engineer upon request.

Seal the ends of the encasement pipe with approved end seals.

After installation of the split steel casing, clean, prime or paint all ends of pipe adjacent to the welded field joints, including the weld proper.

Article 4 "Measurement," is amended to include the following section:

- 4.49. **Split Steel Casing.** "Split Steel Casing" will be measured by the foot, actually installed in the field, of the various sizes shown on the plans.

Article 5 "Payment," is amended to include the following section:

- 5.49. **Split Steel Casing.** "Split Steel Casing" installed in open cut trenches will be paid for at the contract unit bid price per foot of pipe of the various sizes installed as shown on the plans. This price will be full compensation for all labor, equipment, materials, tools, selected bedding, excavation, backfill, backfill materials, spacers, end seals, hauling and disposition of surplus excavated materials and all incidentals necessary to complete the work.