

SECTION 01400

QUALITY CONTROL

PART 1 GENERAL

1.1 QUALITY CONTROL, GENERAL

- A. Maintain quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce work of specified quality.
- B. Sizes and locations of mains, valves, fittings, plugs and blowoffs shall be in accordance with the plans approved by the City.
- C. "Cut-ins" or taps to live mains will be made only in the presence of the WSD's representative.
- D. Special construction problems or conditions not covered by the technical specifications contained within shall be submitted to the WSD for approval prior to construction.
- E. Water line and sewer line trenches shall be inspected by a representative of the WSD before water lines are laid in trench, during laying, during backfilling, and during testing. None of these steps shall be started without the prior approval of the WSD. If water lines or sewer lines have been constructed without approval by the WSD of its design, or if they have been laid or backfilled or tested without the approval of the WSD, then City has the right to refuse to accept the water and sewer facilities or to allow it to be connected to the public system.

1.2 WORKMANSHIP

- A. Comply with industry standards except when more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship.
- B. Perform work by persons qualified to produce workmanship of specified quality and licensed by the State of Tennessee where applicable.
- C. Secure products in place when required and per the manufacturer's requirements.

1.3 MANUFACTURERS' INSTRUCTIONS

- A. When directed by the WSD, submit manufacturer's printed instructions, in the quantity requested for product data, for delivery, storage, assembly, installation, startup, adjusting, and finishing.
- B. Comply with manufacturer's instructions in full detail, including each step in sequence. Should instructions conflict with this document's technical specifications, request clarification from the WSD before proceeding. Failure to do so will result in the WSD not accepting the completed work until it meets the manufacturer's instructions in full.

1.4 MANUFACTURERS' CERTIFICATES

- A. When required by the WSD, submit manufacturer's certificate, in duplicate, that products meet or exceed specified requirements.

1.5 MANUFACTURERS' FIELD SERVICES

- A. When directed by the WSD, Contractor shall require supplier or manufacturer to provide qualified personnel to observe field conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust and balance of equipment as applicable, and to make appropriate recommendations.
- B. Representative shall submit written report to WSD listing observations, certifications and recommendations.

END OF SECTION 01400 - QUALITY CONTROL