

19 DUCTILE IRON PIPES (SECTION 02640)

19.1 Part 1 General

19.1.1 Scope

- A. This section of the specification gives the requirements for Ductile Iron (DI) pipes and fitting materials, installation and testing in storm water applications.

19.1.2 Related Documents

- A. The following sections of the specification shall be read in conjunction with this section.

Section 01300 -Submittals

Section 01400-Quality control

Section 01600-Materials and equipment

Section 02222 -Excavation

Section 02223-Backfilling

Section 02225 -Trenching

19.1.3 Standards

- A. All activities relating to this section of the specification shall comply with the following or approved equal standards.

ISO 2531 Ductile iron pipes, fittings, accessories and their joints for water applications

BS 10025 Hot rolled products of structural steels

BS EN 545 Ductile iron pipes, fittings, accessories and their joints for water pipelines. Requirements and test methods

BS EN 598 Ductile iron pipes, fittings, accessories and their joints for sewerage applications. Requirements and test methods

BS EN 681-1 Elastomeric seals – Materials requirements for pipe joint seals used in water and drainage applications. Vulcanised rubber

BS EN 1092-2 Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Cast iron flanges