

BS EN 1563	Founding spheroidal graphite cast iron
EN 14901	Ductile iron pipes, fittings and accessories. Epoxy coating (heavy duty) of ductile iron fittings and accessories. Requirements and test methods
BS EN 15189	Ductile iron pipes, fittings and accessories. External polyurethane coating for pipes. Requirements and test methods
EN 15655	Ductile iron pipes, fittings and accessories. Internal polyurethane lining for pipes and fittings. Requirements and test methods
ISO 8180	Ductile iron pipelines. Polyethylene sleeving for site application
ISO 9000	Quality Management Systems.

#### **19.1.4 Submittals**

##### **19.1.4.1 Products and Materials Approval.**

- A. In order to verify compliance with the specification the Contractor shall submit information for all products and materials used in the Works to the Engineer for approval sufficiently in advance of their use in accordance with the Contract programme allowing for ordering and approval times. Reference shall also be made to Section 01600 of the specification on products and materials approval. Information to be submitted shall comprise but not necessarily be limited to:
- i. Manufacturers name.
  - ii. Suppliers name.
  - iii. Pipe diameters and pressure ratings.
  - iv. Manufacturer's technical data.
  - v. Support details.
  - vi. Connection details.
  - vii. Manufacturer's quality control and test procedures.
  - viii. Manufacturer's hydraulic test reports.
  - ix. Manufacturers guarantee.
  - x. Joint materials and gaskets.