

## **IS 1879:2010 Malleable Cast Iron Pipe Fittings —Specification**

Pipes are basis of transportation of any fluid or gas from one place to another, they run in miles over the country, one of the major compliments of pipes are fittings which makes them complete as a pair. Pipes are generally made in straight lengths, fittings are responsible for causing change in direction, joining the pipes and many other applications.

Fittings are a critical component of the supply chain of various fluids or gases. Indian standard IS 1879, developed by Bureau of Indian Standards (BIS), outlines the performance requirements for Malleable Cast Iron Pipe Fittings which are used in general purposes for the transmission of fluid and gas. This standard covered various type of Fittings such Elbows, Bends, Tees etc. which are generally used in joining the pipes.

This standard covers the performance requirement for fitting like **Dimensions, thread dimensions, Galvanizing, Pressure test and compression test** making these fitting long lasting and durable and ensures high performance.

Marking helps the consumer to choose right type of fitting as per their requirement, package is marked with type of fittings, its size and manufacture's logo and batch no for traceability

DPIIT quality control order has made it mandatory that all fittings sold, manufactured or imported in India shall comply with IS 1879 and carry BIS Standard Mark under a valid licence from Bureau of Indian Standard.

In summary, IS 1879 ensures that product manufactured according to this IS are durable, long lasting and high performing which gives you value for your money. From now on, whenever you purchase these fittings, look for BIS mark for your safety and performance

