

Board Circular No..... /2018

All Addl. General Managers, Deputy General Managers, Asst. General Managers,
Project Directors, Managers/Chief Engineers/Chief Accountants,
Secretary to the Board of Management, Chemists/Sociologists,
Other Heads of Divisions including OICs

Pipe Materials for Drinking Water Transmission Mains and Distribution Mains

In accordance with the Standard Bidding Document Review Committee (SBDRC) decision dated 25th September 2018, the material of the water supply pipelines shall be limited to the followings;

Diameter Range	Material (for water supply)
For distribution system	
From 63mm upto 225mm dia. (inclusive)	uPVC (PN _T 7 or PN _T 11) or HDPE (PE 100/SDR 21/PN 8, or above)
250mm dia. and above	HDPE (PE 100/SDR 17/PN 10, or above) OR DI (PN 16 or above)
For Transmission Mains	
For diameters upto 500 mm dia. (inclusive)	HDPE (PE 100/ SDR 11/ PN16, or above) OR DI(PN 16 or above)
For diameters above 500 mm dia.	DI(PN 16 or above)
For Culvert Crossings/Bridge Crossings/Fittings embedding to the manholes or valve chambers	
All Diameters	DI (PN16 or above)
Manhole covers	DI

- Notes :1. The pressure classes referred in the above table are the **minimum requirements.**
2. The pressure classes of pipes & fittings shall be selected as per the design but shall comply with above referenced minimum requirements.
3. For imported HDPE pipes, the temperature derating factor in Annex A of ISO 4427: Part I shall be considered in the design.
4. The strength requirement of fittings in HDPE pipes shall comply with ISO 4427: Part III, considering both temperature derating factor and derating factor for Segmented bends and Tees.
5. For uPVC pipes, fittings shall be not less than PN_T11.


General Manager

- CC : 01. Chairman
02. Vice Chairman
03. Working Director
04. DGM (Audit)