

(PREVIEW)

Indian Standard

**PRECAST FERROCEMENT WATER TANKS
UP TO 10 000 LITRES CAPACITY —
SPECIFICATION**

1 SCOPE

This standard covers the requirements of precast ferrocement water tanks of capacity 270 to 10 000 litres.

NOTES

1 The capacity of tank means the net capacity which is the volume of the actual usable water confined between the levels of the centres of the overflow and outlet sockets. Gross capacity of a tank shall be taken as the total storage capacity including the dead storage and free board.

2 The following net capacities are recommended for different uses:

Uses	Net Capacity litres
Domestic use	270,540,750 and 1250
Industrial and community use	1250,2500,5000,7500 and 10000

2 REFERENCES

The Indian Standards listed in Annex A are necessary adjuncts to this standard.

ANNEX A(*Clause 2*)**LIST OF REFERRED INDIAN STANDARDS**

<i>IS No.</i>	<i>Title</i>
269 : 1989	33 Grade ordinary Portland cement (<i>fourth revision</i>)
280 : 1978	Mild steel wire for general engineering purposes (<i>third revision</i>)
383 : 1970	Coarse and fine aggregates from natural sources for concrete (<i>second revision</i>)
432 (Part 1) : 1982	Mild steel and medium tensile steel bars and hard-drawn steel wire for concrete reinforcement : Part 1 Mild steel and medium tensile steel bars (<i>third revision</i>)

(Part 2) : 1982	Part 2 Hard-drawn steel wire (<i>third revision</i>)
455 : 1989	Portland slag cement (<i>third revision</i>)
456 : 1978	Portland slag cement (<i>third revision</i>)
1489 (Part 1) : 1991	Portland pozzolana cement : Part 1 Fly ash based (<i>third revision</i>)
1489 (Part 2) : 1991	Portland pozzolana cement : Part 2 calcined clay based (<i>third revision</i>)
1566 : 1982	Hard-drawn steel wire fabric for concrete reinforcement (<i>second revision</i>)
2645 : 1975	Hard-drawn steel wire fabric for concrete reinforcement (<i>second revision</i>)
4031 (Part 6) : 1988	Methods of physical tests for hydraulic cement : Part 6 Determination of compressive strength of hydraulic cement (other than masonry cement) (<i>first revision</i>)
5410 : 1969	Cement paint, colour as required
9103 : 1979	Admixtures for concrete
9862 : 1981	Ready mixed paint, brushing, bituminous, black, lead-free, acid, alkali, water and chlorine resisting