

LIST OF INDIAN STANDARDS

S. No	Short Title	IS. to various Standards
(A) Cement		
1	Specification for 33 Grade ordinary portland cement	IS 268 - 1989
2	Specification for Rapid hardening portland cement	IS 8041 - 1990
3	Specification for portland Pozzolona cement	IS 1489 (part 1&2) 1991
4	Methods of physical test for hydraulic cement	IS 14032 - 1988
5	Method of chemical analysis of hydraulic cement	IS 4032 - 1985
6	Method of sampling for hydraulic cement	IS 3535 - 1986
7	standard sand testing of cement	IS 650 - 1991
8	Specification for 43 Grade OPC...	IS 8182 - 1989
9	Specification for 53 Grade OPC...	IS 12269-1987
(B) Coarse / Fine Aggregate		
1	Specification for coarse & fine aggregate	IS 383-1970
2	Methods of test for aggregate for concrete particle size and shape	IS 2386 (Part I) 1963
3	Methods of test for aggregate for concrete estimation of deleterious materials and organic impurities.	IS 2386 (Part II) 1963
4	Methods of test for aggregate for specific gravity, density, voids, absorption & bulking	IS 2386 (Part III) 1963
5	Methods of test for aggregate for Mechanical properties.	IS 2386 (Part IV) 1963
6	Methods of test for aggregate Soundness	IS 2386 (Part V) 1963
7	Methods of test for aggregate measuring mortar making properties of fine aggregates.	IS 2386 (Part VI) 1963
8	Methods of test for aggregate for alkali aggregate reactivity	IS 2386 (Part VII) 1963
9	Methods of test for aggregate for petrographic examination	IS 2386 (Part VIII) 1963
(C) Bricks		
1	Method of sampling of clay building bricks	IS 5454 - 1978
2	Method of test for burnt-clay building bricks.	IS 3495 (Parts I TO iv) 1976
3	Common burnt clay building bricks.	IS 1077 - 1992
(D) Masonry Mortar		
1	Specification for sand for masonry mortars.	IS 2116 - 1980
2	Code of practice for preparation and use of masonry mortar	IS 2250 - 1981

S. No	Short Title	IS. to various Standards
(E) Cement Concrete		
1	Specification for coarse and fine aggregate.	IS 383 - 1970
2	Specification for compressive strength, Flexural strength	IS 516 - 1959
3	Code of Practices for Plain & reinforced concrete etc.	IS 456 – 2000
4	Methods of sampling and analysis of concrete	IS 1199 – 1959
5	Recommended Guide Lines for Concrete Mix Design	IS 10262 – 1982
(F) Curing Compound		
1	Standard test method for water retention & day light reflection test on concrete.	ASTM-C-156809
2	Standard method of test for effect of organic materials in fine aggregate on strength of mortar.	ASTM-C. 87-69
3	Standard specification for liquid membranes forming compounds.	ASTM C. 309-89
(G) PVC Water Stops		
1	Code of practice for provision of water stops.	IS 12200 – 1987
2	Procedure for Testing	Parts of IS 8543-19
3	Standard Test methods for Tensile properties of Plastics.	ASTM : D 638-1991
4	Standard Test methods for Thermoplastic Elastomers - Tension.	ASTM D 412-1992
(H) HYSD BARS		
1	Specifications for HYSD bars.	IS 1786 – 1985
2	Specification for Mild Steel and Medium Tensile steel bars.	IS 432 (P II) 1966
3	Method for Tensile testing of steel wires.	IS 5121 – 1972
4	Hard drawn steel wire for concrete reinforcement.	IS 1566 – 1982
5	Method for Tensile testing of Steel products	IS 1608 – 1972
6	Code of practice for bending & fixing of bars for concrete reinforcement	IS 2502 - 1963
(I) Pre cast R.C.C. Pipes		
1	Specifications for pre cast concrete pipes.	IS 458 – 1988
2	Methods of Tests for concrete pipes.	IS 3597 – 1985

S. No	Short Title	Ref. to various Standards
1	Preparation of dry sample (soil)	IS:2720 (Part .I) 1983
2	Determination of water content (moisture content)	IS:2720 (Part .III) 1980 Sect/1
3	Determination of specific gravity of fine grained soil	IS: 2720 (Part. III) 1980 Sect/2
4	Determination of specific gravity of fine, medium & coarse grained soil.	IS: 2720 (Part. III) 1980 Sect/2
5	Grain size analysis	IS:2720 (Part.4) 1985
6	Determination of Liquid and plastic limit	IS:2720 (Part.5) 1985
7	Determination of shrinkage factors	IS: 2720 (Part. VI) 19872
8	Determination of water content - dry density relation using light compaction.	IS: 2720 (Part. VII) 1980
9	Determination of water content - dry density relation using heavy compaction.	IS:2720 (Part.8) 1983
10	Determination of water content - dry density relation using constant wt. soil method.	IS:2720 (Part IX) 1971
11	Determination of Unconfined compressive strength	IS: 2720 (Part. X) 1991
12	Determination of shear strength parameters (tri-axial) with out measurement of pore pressure parameters (Tri-axial compaction)	IS: 2720 (Part. XI) 1971
13	Determination of shear strength parameters (Tri-axial compaction)	IS: 2720 (Part. XII) 1981
14	Direct shear test	IS: 2720 (Part. XIII) 1986
15	Determination of Density Index (R.D) of cohesion less soil.	IS:2720 (Part.14) 1983
16	Determination of consolidation properties	IS:2720 (Part.15) 1986
17	Determination of permeability	IS:2720 (Part.17) 1986
18	Determination of dry density of soils, in place by the sand replacement method.	IS:2720 (Part.28) 1974
19	Determination of dry density of soils, in place by core-cutter method.	IS:2720 (Part.29) 1975
20	Laboratory vane shear test.	IS:2720 (Part.30) 1980
21	Determination of the density in place by the ring and water replacement method.	IS:2720 (Part.33) 1971
22	Determination of free swell index of soils	IS: 2720 (Part. XI) 1977
23	Measurement of swelling pressure of soils.	IS: 2720 (Part. XII) 1978
24	Classification and identification of soils for General Engineering purposes.	IS:1498 1970