

DETAILS OF TEST FACILITIES AVAILABLE AT NTH(NR), GUWAHATI

NAME OF LABORATORY	PRODUCT/MATERIAL OF TEST	TEST/CALIBRATION FACILITIES AVAILABLE	REMARKS
CHEMICAL	OPC 33 grade, OPC 43 grade, OPC 53 grade PPC	Full tests	IS :269,8112, 12269
	Portland slag Cement	Full tests	IS :1489 (I&II)
	Rapid hardening cement	Full tests	IS :455
	Lime Stone	Full tests	IS :1760(I to V)
	Washing Soda	Full tests	IS :251
	Caustic soda	Full tests	IS :252
	Sulphuric acid	Full tests	IS :2266
	Battery Grade	Full tests	IS :797
	Common salt for industrial use	Full tests	IS :797
	Soaps	Full tests	IS :285
	Detergents	Full tests	IS :4956
	Pesticides	Full tests	IS :8944
	Chloropyrifos	Full tests	IS :2257
	Office paste	Full tests	IS :2089
	Tarpaulin	Full tests	IS :5915
	Single Texture rubberised fabric	Full tests	IS :6110
	Double Texture rubberised fabric	Full tests	IS :667
	Identification of textile fibres	Full tests	IS :667
	Composition of fibres in fabrics	Wool, silk, cotton, polyester, nylon, acrylic fibres	As per Indian Standard Speen.
	Paper	Full tests	IS :1060 (I to III)
	Scouring power	Full tests	IS :6047
	Tooth Paste	Full tests	IS :6356
	Machine oil	Full tests	IS :493 (I & II)
	Spindle Oil	Full tests	IS :493 (II)
	Other petrochemicals	Viscosity,Flash point,Ash content,Sp. Gr. Colour, copper strip corrosion (pour point)	As per Relevant IS : Specn.

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CHEMICAL (contd.)	Deformed bar	Full tests	IS : 1786
	Mild Steel	Full tests	IS :2062,1570
	Water for construction	Full tests	IS :456.
	Water for drinking	All tests except cyanide, Mercury, polynuclear Hydrocarbon	IS :10500
	Water for use in Boiler	Full tests	IS :1680
	Paints, Enamels & Varnish	All tests	IS :101(Ito XXV)
	Metal Polish	Full tests	IS :5487
	Indelible Ink	Full tests	IS :13200
	Vegetable Oil	Refractive Index, Acid Value, Saponification, Iodine Value, Titre Value & Pour point	IS :548
	Mustard Oil/ Groundnut Oil cake.	Full tests	IS :1932
	Copper Sulphate, Alum, Bleaching powder, Sodium Hypochloride, Zinc Oxide	All tests	IS : 261,299,1065, 11673 & 35
	OPC- 33 gr., 43gr & 55gr.	Full tests	IS :269-1989 IS :8112-89 IS :12269-87
	PPC (Fly ash based), PPC(Calcium clay based)	Full tests	IS :1489-1991
	PSC	Full tests	IS :455-1989
Aggregate(Fine & Course)	Full tests	IS :383-1970	
Terrazo Tiles	Full tests	IS :1237-1980	
Glazed Tiles	Full tests	IS :777, IS :13753 to IS :13756	
Fly Ash	Full tests	IS :3812-89	
Panel & Flush Door	All tests excluding tensile test	IS :2202-99	
Fibre Hard Board	Full tests	IS :1658-77	
Veneered Particle Board	All tests excluding tensile test	IS :3097-80	
C C Cubes	Compressive strength		
Bricks Full tests	IS :3495-92		
CIVIL ENGINEERING			

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**CIVIL
ENGINEERING**
(contd.)

Commercial
timber & timber
products
Sand

Identification
Moisture content

Bulk density, Dry Density
& Relative Density

IS :4970-73
IS :11215-91

IS :2720-83