



**CITY & INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LTD.**

**CIDCO MATERIAL TESTING LABORATORY , SANPADA**

SHOP NO.-D-001,002,003, GROUND FLOOR, HIGHWAY SIDE, SANPADA RAILWAY STATION,SANPADA

**TESTING CHARGES W.E.F. 01/06/2011**

Sr. No.	PARTICULARS OF TEST	For CIDCO works	For Private/ Other than CIDCO works	Min. size of Sample required
1	<b>Soil / Murum Testing:</b>			
	a) M.D.D. and O.M.C.	1230.00	1845.00	1 Bag
	b) Liquid limit, plasticity index, etc.	750.00	1125.00	
	c) Field density test (Sand Replacement method)	800.00	1200.00	Field Test
	d) Grain size Analysis	340.00	510.00	1 Bag
	e) Lab CBR test	3500.00	5250.00	
2	<b>Cement / Fly Ash testing:</b>			
	a) Fineness	340.00	510.00	1 Bag
	b) Consistency	250.00	375.00	
	c) Initial & Final Setting time	375.00	563.00	
	d) Compressive strength	700.00	1050.00	
	e) Sp. Gravity	300.00	450.00	
3	<b>Coarse Aggregate/ Metal Testing:</b>			
	a) Flakiness index, Elongation index, Combined index.	500.00	750.00	1 Bag
	b) Gradation	340.00	510.00	
	c) Abrasion value	750.00	1125.00	
	d) Impact value	400.00	600.00	
	e) Water absorption	450.00	675.00	
	f) Sp. Gravity	300.00	450.00	
	g) Bulk Density	200.00	300.00	
	h) Crushing Value	500.00	750.00	
4	<b>Fine Aggr. Testing: (SAND)</b>			
	a) Fineness Modulus/Sieve Analysis.	340.00	510.00	1 Bag
	b) Silt Content	400.00	600.00	
	c) Moisture content Test.	250.00	375.00	
5	<b>Concrete Testing:</b>			
	a) Compressive Strength Test (Cube)	400.00	600.00	3 Nos. Per Set
	b) Mix design including ingredient test	7500.00	11250.00	2 Bags of each Ingredients Per Mix
	c) N.D.T. - U.S.P.V. Test.(For 15 Points)	6000.00	9000.00	Field Test

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	d) N.D.T. - U.S.P.V. (Additional Points)	400.00	600.00	
	f) Permeability Test.	1250.00	1875.00	One Cylindrical Cube
	g) Taking of core samples	2000.00	3000.00	Field Test
6	<b>Steel Testing :</b>			
	a) Wt. variation, Ultimate Tensile Strength , % Elongation, Bend-Rebend test	750.00	1125.00	3 Nos. of 1 m length Per Set
	b) Wt. variation, Ultimate Tensile Strength , % Elongation, Bend-Rebend test & 0.2 % Proof Stress	1000.00	1500.00	
7	<b>Brick Testing:</b>			
	a) Water Absorption	500.00	750.00	8 Nos. Per Set
	b) Compressive Strength.	375.00	563.00	
8	<b>Concrete Block Testing:</b>			
	a) Water Absorption	500.00	750.00	8 Nos. Per Set
	b) Compressive Strength.	500.00	750.00	
9	<b>Paver Block Testing:</b>			
	a) Water Absorption	500.00	750.00	8 Nos. Per Set
	b) Compressive Strength.	800.00	1200.00	
	c) Abrasion.	800.00	1200.00	6 Piece of 7cm X 7cm Per Set
10	<b>G.I. Pipe Testing :</b>			
	a) Weight Variation	190.00	285.00	1 No. Per Set
	b) Thickness Variation	250.00	375.00	
11	<b>Tile Testing:</b>			
	a) Flexural Strength	400.00	600.00	8 Nos. Per Set
	b) Water Absorption	500.00	750.00	
	c) Resistance to wear	650.00	975.00	6 Piece of 7cm X 7cm Per Set
12	<b>Water Testing :</b>			
	a) PH Value	250.00	375.00	1 Lit. Per Set
	b) Chloride & Sulphite Content	450.00	675.00	

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13	<b>Plasticiser/ Admixture Testing :</b>			
	a) PH Value	250.00	375.00	1 Lit. Per Set
	b) Relative Density	250.00	375.00	
14	<b>Test for Bitumen/Asphalt:</b>			
	a) Bitumen Extraction	1000.00	1500.00	5 Kg. Per Set
	b) Sieve Analysis/Gradation	340.00	510.00	
	c) Penetration / Grade of Bitumen	350.00	525.00	1 Lit. Per Set
	d) Marshall stability & Flow	600.00	900.00	5 Kg. Per Set
	e) Ductility	600.00	900.00	1 Lit. Per Set
	f) Stripping value of Road Aggregates	500.00	750.00	5 Kg. Per Set
	g) Job Mix Design for DBM/AC	11000.00	16500.00	2 Bags of each Ingredients Per Mix
	h) Mix Design for GSB/Wet Mix Macadam	12000.00	18000.00	

**Note - Above Testing charges are exclusive of all Taxes. Additional charges will be applicable as per Govt. Rule**

**LABORATORY IN-CHARGE**