

A. Cement:

Sl. no.	Description	Unit	Rate (in BDT)	VAT 15% (in BDT)	Total (in BDT)	Time Required
01.	Sample Preparation	Per Sample	1100	165	1265	15 Days
02.	Determination of Oxides of ion like Silicon, Aluminum, Iron, Calcium, Sodium, Sulfur, Magnesium, Manganese, Chloride, Sulphate etc.	Per ion	1300	195	1495	
03.	Alkalis as Na ₂ O ₂ ,k ₂ O	Per Sample	2600	390	2990	
04.	Total alkali	Per Sample	2600	390	2990	
05.	C ₃ S	Per Sample	2100	315	2415	
06.	C ₂ S	Per Sample	2000	300	2300	
07.	C ₃ A	Per Sample	1900	285	2185	
08.	C ₄ AF	Per Sample	2100	315	2415	
09.	LSF	Per Sample	2200	330	2530	
10.	Free Lime	Per Sample	1900	285	2185	
11.	L.O.I.	Per Sample	2200	330	2530	
12.	Iron Modulus(IM)	Per Sample	1700	255	1955	
13.	Silica Modulus (S M)	Per Sample	1700	255	1955	
14.	Hydraulic Modulus(HM)	Per Sample	1700	255	1955	
15.	Insoluble Residue	Per Sample	4400	660	5060	
16.	Clinker Content	Per Sample	1700	255	1955	
17.	Fly ash Content	Per Sample	1700	255	1955	
18.	Gypsum Content	Per Sample	1700	255	1955	
19.	Lime Stone	Per Sample	1700	255	1955	

B. Aggregate:

01.	Sample preparation	Per sample	1100	165	1265	7 Days
02.	Determination of Oxides of ion like Silicon, Aluminum, Iron, Calcium, Sodium Sulfur ,Magnesium, Manganese, Chloride, Sulphate etc.	Per ion	1300	195	1495	
03.	MICA / Mica Content of coarse sand	Per sample	8700	1305	10005	
04.	Alkali Reactivity	Per sample	7400	1110	8510	
05.	Organic impurities	Per sample	4000	600	4600	

C. Lime:

01.	Sample preparation	Per sample	1100	165	1265	7 Days
02.	Determination of Oxides of ion like Silicon, Aluminum, Iron, Calcium, Sodium, Sulfur, Magnesium, Manganese, Chloride, Sulphate etc.	Per ion	1300	195	1495	

D. Brick/ Sand Refractory Brick:

01.	Sample preparation	Per sample	1100	165	1265	7 Days
02.	Determination of water Soluble Salt.	Per sample	2200	330	2530	
03.	Moisture Content	Per sample	1700	255	1955	
04.	Loss on Ignition	Per sample	2200	330	2530	
05.	Determination of Oxides of ion like Silicon, Aluminum, Iron, Calcium, Sodium, Sulfur, Magnesium, Manganese, Chloride, Sulphate etc.	Per ion	1700	255	1955	
06.	Efflorescence	Per sample	3000	450	3450	

E. Mortar and Concrete:

01.	Sample preparation	Per sample	1100	165	1265	3 Days
02.	Cement Mortar(Ingredients ratio)	Per sample	3000	450	3450	
03.	Lime Mortar(Ingredients ratio)	Per sample	3000	450	3450	
04.	Cement Concrete(Ingredients ratio)	Per sample	2200	330	2530	

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F. Water:

01.	Sample preparation	Per sample	1100	165	1265	7 Days
02.	pH Value	Per sample	1700	255	1955	
03.	Total Suspended Matter/TSS	Per sample	1200	180	1380	
04.	Total Dissolved Matter/TDS	Per sample	900	135	1035	
05.	Determination of Oxides of ion like Silicon, Aluminum, Iron, Calcium, Sodium, Sulfur, Magnesium, Manganese, Chloride, Sulphate etc.	Per ion	900	135	1035	
06.	Alkalinity	Per sample	1100	165	1265	
07.	Total Hardness	Per sample	1300	195	1495	
08.	BOD	Per sample	1700	255	1955	
09.	COD	Per sample	1700	255	1955	
10.	Chloride	Per sample	1100	165	1265	
11.	Carbonate	Per sample	1100	165	1265	
12.	Nitrate Test	Per sample	900	135	1035	
13.	Phosphate	Per sample	1100	165	1265	
14.	EC	Per sample	600	90	690	
15.	DO	Per sample	600	90	690	
16.	Conductivity	Per sample	700	105	805	
17.	Temperature	Per sample	500	75	575	
18.	Salinity	Per sample	900	135	1035	

G. Paint/Paint Materials:

01.	Sample preparation	Per sample	1300	195	1495	15 Days
02.	Volatile Matter	Per sample	4400	660	5060	
03.	Weight per 10 Liters	Per sample	2600	390	2990	
04.	Spreading Capacity	Per sample	2600	390	2990	
05.	Resistance to Heat	Per sample	2600	390	2990	
06.	Resistance to water	Per sample	3100	465	3565	
07.	Resistance to petrol (100 Octane)	Per sample	2600	390	2990	
08.	Residue on Sieve	Per sample	2600	390	2990	
09.	Resistance to Dry Rubbing	Per sample	2600	390	2990	
10.	Recoating properties	Per sample	4400	660	5060	

H. Soil/Clay:

01.	Sample preparation (Sodium carbonate fusion for Al, Fe, Ca, Mg, Mn, P, Si)	Per sample	1700	255	1955	7 Days
02.	pH Value	Per sample	900	135	1035	
03.	Determination of Oxides of ion like Silicon, Aluminum, Iron, Calcium, Sodium Sulfur, Magnesium, Manganese, Chloride, Sulphate etc.	Per ion	1700	255	1955	
04.	Moisture Content	Per sample	900	135	1035	
05.	Suitability for Brick	Per sample	5700	855	6555	
06.	Loss of ignition	Per sample	3500	525	4025	
07.	Organic Matter (qualitative)	Per sample	4800	720	5520	
08.	Nitrate	Per sample	1700	255	1955	
09.	Organic Matter	Per sample	2200	330	2530	
10.	Magnesium	Per sample	1700	255	1955	
11.	Silicon	Per sample	1700	255	1955	
12.	Chloride	Per sample	1700	255	1955	
13.	Calcium	Per sample	1300	195	1495	
14.	Manganese	Per sample	1300	195	1495	
15.	Iron	Per sample	1300	195	1495	

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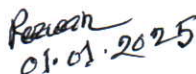
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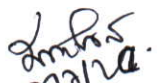
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I. Bitumen & Bituminous Materials

01.	Sample preparation	Per sample	1100	165	1265	15 Days
02.	Bitumen/ Asphalt Content	Per sample	11300	1695	12995	
03.	Water Content	Per sample	6100	915	7015	
04.	Specific Gravity	Per sample	3500	525	4025	
05.	Ash Content. Inorganic matter	Per sample	5300	795	6095	
06.	Solubility in Organic Solvent (CCl ₄)	Per sample	2600	390	2990	
07.	Penetration Test	Per sample	2600	390	2990	
08.	Residue by Evaporation	Per sample	1300	195	1495	
09.	pH Value	Per sample	1700	255	1955	
10.	Settlement Test	Per sample	3100	465	3565	
11.	Cement Mixing	Per sample	3500	525	4025	
12.	Coating Ability and Water Resistance	Per sample	2600	390	2990	
13.	Freezing Point	Per sample	2200	330	2530	
14.	Storage Stability	Per sample	1700	255	1955	


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