

**S.R. to Various category (B, C, D, D-1, E, E-1 & E-2 Type) quarters and Govt. Bungalows at Shahibaug and Meghaninagar, Ahmedabad under City (R&B) Division, Ahmedabad. (Repairing and Renovation works of Quarters and bungalows by plaster work, Door - window Work, Toilet repairing work, Colour work, Fabrication Work, Paver Block & other misc. work)**

### MATERIAL TESTING SCHEDULE

Sr. No.	Description in brief	Total Quantity	Material to be tested	Name of laboratory test	Frequency	Total No. of test to be carried out	Remarks
1	Cement	85.02	Cement	1) Initial & Final setting time	M.T. Test No.	2 Test or required while execution	
		MT		2) Compressive strength	Up to 50 1		
				3) Consistency	50 to 100 2		
				4) Fineness	100 to 200 3		
				5) Soundness	200 to 300 4		
				6) and other as required as per IS specification and as per tender GR	300 to 500 5		
					500 to 800 6		
					800 to 1300 7		
					& 8 test for larger consignment		
2	Fine aggregate	196.58	Sand	1) Fineness modulus	One test per season/river	1 Test or required while execution	
	( sand)	Cum		2) Specific gravity			
				3) Water absorption			
				4) Clay and fine silt content			
				5) and other as required as per IS specification and as per tender GR			
3	Water		Water	1) Potability	One test per	-	
				2) Salinity	sources		
				3) and other as required as per IS specification and as per tender GR			
4	Bricks	15050.00	Bricks	1) Compressive strength	One sample for	1 Test or required while execution	
		Nos.		2) Water absorption test	every 50000 Nos.		
				3) Soundness test			
				4) and other as required as per IS specification and as per tender GR			
5	Crushed stone	81.97	Aggregate	1) Gradation	1/150 M <sup>3</sup> for concrete	1 Test or required while execution	
	aggregate	Cum		2) Flekiness index	or as per requirement		
				3) Impact value	of relevant specification		
				4) Water Absorption			
				5) Crushing strength			
				6) and other as required as per IS specification and as per tender GR			
6	Tiles	1786.00	Vitrified Tiles	as per IS specification and as per tender GR	1/2000 tiles	1 Test or required while execution	
		7694.00	Glazed Tiles				
			Ceramic Tiles				
		Sqm					
7	Paver block and kerb	161.00	Paver	as per IS specification and as per tender GR	1/2000 tiles	1 Test or required while execution	
		-	Kerb				
		Sqm					

**If any other material needed or required or may be missed shall be must test as per site requirement and IS codes as per direction of engineer incharge.**

**Dated Signature of  
the Contractor**

**Deputy Executive Engineer  
Shahibag (R&B) Sub Division  
Ahmedabad**

**Executive Engineer  
A'bad City (R&B) Division  
Ahmedabad**