

## THE STRENGTH OF TESTING FACILITIES

SR. NO.	CHARACTERISTIC	TEST METHOD	INSTRUMENT MAKE
1	Water of Plasticity	Available	
2	Residue ( 100# , 200# , 240# , 300# , 325# )	Available	Italy
3	Slaking of clay	Available	
4	Green Modulus of rupture	ISO-10545-4	Italy
5	Dry Modulus of rupture	ISO-10545-4	Italy
6	Fired Modulus of rupture	ISO-10545-4	Italy
7	Dry shrinkage	ISO-10545-2	Japan
8	Fired shrinkage	ISO-10545-2	Japan
9	Color spectrometry ( L* a b )	SPECTROMETER	Japan
10	Water absorption	ISO-10545-3	Italy
11	Bulk density ( green / fired )	MERCURIMETER	Italy
12	Porosity	ISO-10545-3	Italy
13	Viscosity	FORD CUP/ BROOKEFIELD	Italy
14	Workable electrolyte	Available	
15	p <sup>H</sup>	P <sup>H</sup> METER	Japan
16	T.D.S.	T.D.S. METER	Japan
17	Particle size analysis	Laser diffraction	England
18	Thermal expansion	ISO-10545-8	Germany
19	Dimension ( length, width, thickness)	ISO-10545-2	Japan
20	Surface flatness	ISO-10545-2	Japan
21	Glossiness ( 60 <sup>0</sup> )	GLOSSOMETER	Japan
22	MOH'S hardness	EN-101	Italy
23	Deep abrasion resistance	ISO-10545-6	China
24	Crazing	ISO-10545-11	India
25	Surface abrasion	ISO-10545-7	Italy
26	Impact resistance	ISO-10545-5	China
27	Breaking strength	ISO-10545-4	Italy
28	Skid resistance	ISO-10545-17	China
29	Stain resistance	ISO-10545-14	Italy
30	Chemical resistance	ISO-10545-13	Italy
31	Gross Calorific value ( solid fuel)	BOMB CALORIMETER	India
32	Paper bursting test	BRUSTIING M/C	India
33	Penetration	PENETROMETER	Italy
34	Chemical analysis	ED XRF	Netherland