

Applied Mechanics Department

Name of Laboratory	Area of Lab	Lab. In charges
Concrete Technology	76 Sq/mtr	Mr. G. M. Kechkar Mob. 9860461836
Lab Assistant – D. N. Wankhade		Peon- S. N. Gadkari/G. P. Waghmare

Sr. No.	Name of Equipment	Qty	Cost	DSR Page No.
1	Beam mould 10 x10 x 50	3	5916	APM 2/4
		3	5772	APM 2/4
2	Le- chatelier mould	6	1119	APM 2/5
3	Volume Change Gauge App.	1	5010	APM 2/7
4	Vicate Needle apparatus	3	4428	APM 2/8
5	Le- chatelier mould	2	414	APM 2/9
6	Cube Mould 150 x 150 x 150	6	4050	APM 2/10
7	Cube Mould 7.06 x 7.06 x 7.06	7	2520	APM 2/11
8	Density Basket	1	580	APM 2/12
9	Water Bath (Proposed for write off)	1	3800	APM 2/13
10	Cube Mould 150 x 150 x 150	12	5400	APM 2/23
12	Cylindrical mould 150 x 300	5	4400	
13	Electrically operated Grouting Pump	1	153504	APM 2/30
14	Electrically operated high pressure Pump	1	93275	APM 2/31
15	J-7 model grout Agitator	1	83148	APM 2/32
16	Devel abrasion testing machine	1	24200	APM 2/39
17	Cement Autoclave	1	40450	APM 2/41
18	Lab Mixture	1	19560	APM 2/51
19	Compaction factor apparatus	1	5483	APM 2/52
20	Air Entertainment meter	1	8925	APM 2/53
21	Consal make Cement Mortar apparatus	1	34645	APM 2/54
22	Needle Vibrator for vibrating concrete	1	17213	APM 2/66
23	Beam mould 150 x 150 x 700 mm	6	33346	APM 2/67
24	Beam mould 100 x 100 mm x 500	6	18810	APM 2/68
25	Furrat Alexendra Electronic Digital balance 30 Kg	1	7390	APM 2/69
26	Cube mould 7.06 x 7.06 x 7.06	12	4140	APM 2/71
27	Cylindrical mould 150 x 300	6	12000	APM 2/72
28	Cube mould 150 x 150 x 150	9	6102	APM 2/73
29	Longitudinal compressor meter	1	6900	APM 2/75
30	Vicate app.	3	7085	APM 2/78
31	Cube mould 7.06 x 7.06 x 7.06	12	5738	APM 2/79
32	Sieve 80 mm	2	700	APM 2/80
	Sieve 40 mm	2	700	
	Sieve 20 mm	2	700	
	Sieve 10 mm	2	700	
	Sieve 4.75 mm	2	700	
33	Sieve 10 mm	2	882	APM 2/81
	Sieve 4.75 mm	2	882	
	Sieve 2.36 mm	2	882	
	Sieve 1.18 mm	2	882	
	Sieve 0.600 mm	2	882	
	Sieve 0.300 mm	2	882	
	Sieve 0.150 mm	2	882	
	Sieve 0.075 mm	2	882	
34	Length Gauge	2	576	APM 2/82
35	Thickness Gauge	2	576	APM 2/83
36	Sieve 425 Micron	2	780	APM 2/88
37	Loss Angles Abrasion machine	1	75875	APM 2/93
38	Electronic weighing balance. Cap 1 Kg	1	5800	APM 2/94
39	Concrete Cube Mould	12	9355	APM 2/96

Sr. No.	Name of Equipment	Qty	Cost	DSR Page No.
40	Brass Sieve 0.600,0.300,0.150,0.075,0.090,2.36 lead & pan.	1 set	5900	APM 2/97
	G.I. Sieve 80,63,40,37.5,25,20,10 lead & pan	1 set	4200	
	G.I. Sieve 16,45,37.5,26.5,13.2,11.2,6.3,5.6,2.8, 9.5,4.75,lead & pan	1 set	5800	
41	Aggregate Impact Machine(Make -AIMIL)	1	3100	APM 1/4
42	Compression testing Machine Hand Operated	1	6352	APM 1/7
43	Cube Mould 6 inch	1	72	APM 1/9
	Cube Mould 15 x 15 x15 cm	3	161.16	
44	Deval Abrasion Machine	1	8350	APM 1/11
45	Lechatilier mould	1	15.14	APM 1/13
46	Plate form scale (Avery) cap. 300 kg	1	679.88	APM 1/17
47	Riffler	1	254.2	APM 1/19
48	Sampling Tray G I Size 30 x 30	4	180	APM 1/21
49	Sieve 8 inch Dia.	1	18.75	APM 1/22
50	Lid & pan	1	22.5	APM 1/22
51	G. I. Sieve Course 12 inch dia. ¼", 3/8" ½", ¾"1", 1 ½",2", 2 ½" & 3"	1 set	395	APM 1/22
52	Sieve fine 8" Size 9,15,20,30,40,60,85, 120,140,170,240,320,480	1 set	682	APM 1/22
53	Slump test Apparatus	1	26.5	APM 1/23
54	Slump test Apparatus	1	270	
55	Trays Big size	3	120	APM 1/30
56	Vacate app.	2	493.5	APM 1/34
57	Vibrating Machine	1	4300	APM 1/35
58	Sieve shaker	1	2554	APM 1/45
59	IS Sieve (12.5)	1	95	APM 1/47
60	IS Sieve (10.0)	1	95	APM 1/47
61	IS Sieve (2.36)	1	135	APM 1/47
62	Aggregate Crushing App	1	1650	APM 1/48
63	Cube Mould 7.06 size	6	570	APM 1/49
64	Concrete Block making machine	1	8500	APM 1/52
65	Steel Plate for concrete Block	60	1500	APM 1/53
66	Riffler sample divider	1	1710	APM 1/54
67	Vee-Bee Consistometer	1	5914	APM 1/55
68	Agg. Crushing Value apparatus	1	1637	APM 1/56
69	Flow table for workability of cement mortar	1	6951	APM 1/57
70	Steel Plate for Concrete block	35	1225	APM 1/60
71	Table Vibrator	1	54720	APM 1/61
72	Compression testing machine	1	276277	APM 1/63
73	Abrasion testing machine	1	17941	APM 1/67
74	Electronic balance	2	54738	APM 1/68
75	Air permeability	1	1900	APM 1/70
76	Bucket For bulk density	2	11800	APM 1/71
77	Ultra sonic compressive strength	1	152000	APM 1/73
78	Electronic Digital display balance Cap. 200 Kg	1	23600	APM 1/75
79	Rebound hammer test apparatus	1	38200	APM 1/76
80	Water bath	1	21008	APM 3/25
81	Small Concrete Mixture	1	43700	APM 3/26
82	Bitumen Extractor	1	13900	APM 3/27
Total			1512554	