



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

**Laboratory Equipments for
Bitumen Emulsion & Aggregate Testing**



NABL
Calibration Services

Laboratory Equipments for Bitumen Emulsion & Aggregate Testing

Dear Sir,

Established since 1977, We are one of the major manufacturers and suppliers of Cement Testing Laboratory Equipments as per BIS/ASTM/ISO/DIN and other international standards.

Approved Vendors to

Tiki Tar, Essar, Hindustan Colas, Shell, Indian Oil, Maruti, Akzonobel, AR Thermoset, BNB, Juno Bitumix, Meadwestvaco, Neptune TradeLink, NTP Tar, Zydex etc.

Our strength

- Experience of over 40 years
- Original Equipment Manufacturer (OEM)
- Large scale Manufacturing facility built on enormous 50000 square feet factory area
- NABL accredited Calibration Lab
- Strong team of 250+ experienced and dedicated professionals
- Committed to Services

Product List and few catalogs enclosed.

Please call us for

- Laboratory Instrument supply
- Laboratory Instrument Service and AMC
- Annual Calibration and Validation services

Thanks and regards,

Deepak Parikh

9824041391



Bitumen Emulsion & Aggregate Testing Instruments

Sr. No.	Model No.	Name of Product
1	TM-071M	BITUMEN EXTRACTOR - MOTORISED WITH VARIABLE SPEED WITH DIGITAL RPM INDICATOR
2	TM-071MF	BITUMEN EXTRACTOR-WITH FLAMEPROOF MOTOR - (ASTM D2172)-
3	TM-071H	BITUMEN EXTRACTOR-HAND OPERATED-
4	EIE-109	ASPHALT CONTENT OVEN-(ASPHALT IGNITION OVEN)-(ASTM D6307)
5	TM-052	PLANETARY MIXER (FOR BITUMINOUS MIX)
6	TM-052D	PLANETARY MIXER (FOR BITUMINOUS MIX) VARIABLE SPEED-DIGITAL WITH PLC AND HMI
7	TM-052D-20	PLANETARY MIXER-FOR BITUMINOUS MIX-DIGITAL- 10 LTRS
8	EIE-017	AUTOMATIC COMPACTOR FOR MARSHAL TEST - 4" DIA SPECIMEN-
9	EIE-017M	AUTOMATIC COMPACTOR FOR MARSHAL TEST - 6" DIA SPECIMEN-
10	EIE-017C	AUTOMATIC COMPACTOR FOR MARSHAL TEST - (4" AND 6" DIA SPECIMEN)-(UNIVERSAL MODEL)-
11	TM-041	MARSHAL STABILITY TESTING MACHINE-(4" DIA)-(WITH PROVING RING AND DIAL GAUGE)
12	TM-041D	MARSHAL STABILITY TESTING MACHINE-DIGITAL 4" DIA
13	TM-041DPC	MARSHAL STABILITY TESTING MACHINE-DIGITAL 4" DIA WITH PC INTERFACE SOFTWARE
14	TM-041-L	COMPACT LOADING UNIT 50 KN FOR MARSHALL 4"
15	TM-041M	MARSHAL STABILITY TESTING MACHINE MODIFIED-(6" DIA)-(WITH PROVING RING & DIAL GAUGE)
16	TM-041MD	MARSHAL STABILITY TESTING MACHINE MODIFIED-DIGITAL 6" DIA
17	TM-041-LM	COMPACT LOADING UNIT 100 KN FOR MARSHALL 6"
18	TM-041.11A	INDIRECT TENSILE STRENGTH OF MARSHAL TEST SPECIMEN - (6" DIA)
19	TM-041.11M	INDIRECT TENSILE STRENGTH OF MARSHAL TEST SPECIMEN - (4" DIA)
20	TM-041-1	MARSHAL MOULD-STANDARD-(4" DIA)
21	TM-041-1M	MARSHAL MOULD-MODIFIED-(6" DIA)
22	TM-041-3	BREAKING HEAD ASSEMBLY - 4" DIA
23	TM-041-3M	BREAKING HEAD ASSEMBLY - 6" DIA
24	TM-041-5	MARSHAL RAMMER - STANDARD-(4.57 KG)
25	TM-041-5M	MARSHAL RAMMER - MODIFIED-(10.2 KG)
26	TM-041-2	COMPACTION PEDESTAL - 4" DIA
27	TM-041-2M	COMPACTION PEDESTAL - 6"



Los Angeles Abrasion



Aggregate Impact Value Testing Machine



Point Load Index Tester



Bitumen Extractor

Bitumen Emulsion & Aggregate Testing Instruments

Sr. No.	Model No.	Name of Product
28	TM-073-S	SAMPLE EXTRACTOR - FOR 100 AND 150MM DIA SPECIMEN
29	EIE-406-M3100	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -3 MOULDS-100 MM-
30	EIE-406-M6100	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -6 MOULDS-100 MM-
31	EIE-406-M9100	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -9 MOULDS-100 MM-
32	EIE-406-M12100	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -12 MOULDS-100 MM-
33	EIE-406-M3150	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -(3 MOULDS)-(150 MM)-
34	EIE-406-M6150	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -(6 MOULDS)-(150 MM)
35	EIE-406-M9150	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -(9 MOULDS)-(150 MM)
36	EIE-406-M12150	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -(12 MOULDS)-(150 MM)-
37	EIE-406-M18150	CONSTANT TEMPERATURE WATERBATH FOR MARSHAL TEST WITH DIGITAL CONTROLLER -18 MOULDS-150 MM-
38	TM-051-EN	CORE DRILLING MACHINE WITH PETROL ENGINE - 6 HP W/O DRILL BIT
39	EIE-BT-001	BITUMEN SAMPLER - SCOOP TYPE
40	EIE-BT-002	BITUMEN SAMPLER - TUBE TYPE
41	TM-044M	STANDARD PENETROMETER - MANUAL CONTROL-
42	TM-044MF	STANDARD PENETROMETER - MANUAL CONTROL- WITH FINE ADJUSTMENT
43	TM-044ATB	STANDARD PENETROMETER - AUTOMATIC WITH DIGITAL TIMER
44	TM-044ATGB	STANDARD PENETROMETER FOR BITUMEN-AUTOMATIC TIMER-WITH GEARED HEIGHT ADJUSTMENT-
45	TM-044FA	STANDARD PENETROMETER - FULLY AUTOMATIC - (ASTM D5, ASTM D217)-
46	EIE-412(S)	LOW TEMPERATURE WATERBATH-FOR BITUMEN PENETRATION TEST
47	EIE-410AADP02V	ABSOLUTE AND KINEMATIC VISCOSITY TESTING EQUIPMENTS



ASTM D244
Distillation Apparatus for
Emulsified asphalt



Saybolt Viscometer



Ductility Testing Machine

Bitumen Emulsion & Aggregate Testing Instruments

Sr. No.	Model No.	Name of Product
48	TM-047	TAR VISCOMETER WITH ENERGY REGULATOR-
49	TM-047DM	TAR VISCOMETER - DIGITAL WITH MOTORIZED STIRRER
50	TM-047DMM	TAR VISCOMETER MULTIPLE APPARATUS-
51	EIE-PTLT-101E	PENSKY MARTEN FLASH POINT APPARATUS-WITH ENERGY REGULATOR
52	EIE-410AADP02	KINEMATIC VISCOSITY BATH-(ABOVE AMBIENT)-FOR 2 VISCOMETERS-
53	EIE-410AADP04	KINEMATIC VISCOSITY BATH-(ABOVE AMBIENT)-FOR 4 VISCOMETERS-
54	EIE-410AADP06	KINEMATIC VISCOSITY BATH-(ABOVE AMBIENT)-FOR 6 VISCOMETERS
55	TM-043PD	RING AND BALL APPARATUS-(PROGRAMMABLE)-(DIGITAL)-(ASTM D36) WITH ACCESSORIES
56	TM-043DC	RING AND BALL APPARATUS-ELECTRICALLY OPERATED D.C. MOTOR-
57	TM-043	RING AND BALL APPARATUS-ELECTRICALLY OPERATED A.C. MOTOR
58	TM-043FA	RING AND BALL APPARATUS - FULLY AUTOMATIC (ASTM D36)-
59	TM-40SA	DUCTILITY TESTING MACHINE SEMI AUTOMATIC MODEL - 0-100 MM/MIN SPEED - NON - REFRIGERATED
60	TM-40SAR	DUCTILITY TESTING MACHINE (SEMI AUTOMATIC MODEL) - (0-100 MM/MIN SPEED) - (REFRIGERATED)
61	TM-40R	DUCTILITY TESTING MACHINE - REFRIGERATED
62	TM-40	DUCTILITY TESTING MACHINE-(NON-REFRIGERATED)-(IS 1208)
63	TM-40.1	DUCTILITY MOULD - BRASS
64	TM-40.2	ELASTIC RECOVERY MOULD
65	558/5	SPECIFIC GRAVITY BOTTLE - 50 ML.WIDE MOUTH FOR BITUMEN - AS PER IS 1202
66	EIE-BT-1021	DEAN AND STARK APPARATUS FOR BITUMEN AS PER IS 1211
67	EIE-BT-103	APPARATUS FOR DET. OF MATTER INSOLUBLE IN TOLUENE - AS PER 1215
68	EIE-BT-104	APPARATUS FOR DET. OF MINERAL MATTER (ASH) - AS PER 1217
69	EIE-BT-105	APPARATUS FOR DET. OF NAPHTHALENE IN TAR & BITUMEN - AS PER IS : 1219
70	EIE-BT-106	APPARATUS FOR DETERMINATION OF PHENOL-IS 1218
71	EIE-BT-107D	APPARATUS FOR DISTILLATION OF CUT BACK ASPHALT- WITH DIGITAL CONTROLLER-ASTM D402, IS 1213
72	EIE-BT-107	APPARATUS FOR DISTILLATION OF CUT BACK BITUMEN - WITH ENERGY REGULATOR - AS PER IS 1213



Ring & Ball Apparatus



Asphalt Content Oven



Fully Automatic Penetrometer

Bitumen Emulsion & Aggregate Testing Instruments

Sr. No.	Model No.	Name of Product
73	EIE-BT-108	APPARATUS FOR SOLUBILITY IN TRI-CHLORO ETHYLENE-IS 1216
74	EIE-107-T	THIN FILM OVEN-INNER S.S.-(ASTM D1754)
75	EIE-107-L	LOSS ON HEATING OVEN-(ASTM D6)
76	EIE - 107-RT	ROLLING THIN FILM OVEN-(ASTM D2872, AASHTO T240)
77	TM-048	SAYBOLT VISCOMETER WITH ENERGY REGULATOR-
78	TM-048DM	SAYBOLT VISCOMETER-WITH DIGITAL CONTROLLER AND MOTORISED STIRRER
79	TM-048DM2	SAYBOLT VISCOMETER-WITH TWO SAYBOLT TUBES-
80	EIE-BE-101	APP. FOR DETERMINATION OF STORAGE STABILITY-IS 8887, ASTM D6930-
81	EIE-BE-102	APP. FOR DETERMINATION COAGULATION OF EMULSION
82	EIE-BE-103	APP. FOR DETERMINATION OF RESIDUE ON EVAPORATION-
83	EIE-BE-104	APP. FOR STABILITY TO MIXING WITH CEMENT. AS PER IS:8887 ANNEX-G
84	EIE-BE-105	WATER CONTENT OF BITUMEN EMULSION - WITHOUT HEATER
85	EIE-BE-110	PARTICLE CHARGE TESTER - (ASTM D244)
86	EIE-BE-106	APP. FOR DETERMINATION OF RESIDUE ON SIEVE
87	EIE-BE-107	APP. FOR COATING ABILITY AND WATER RESISTANCE-
88	EIE-BE-108	APPARATUS FOR DISTILLATION OF EMULSIFIED ASPHALT- (WITH RING BURNER)-(ASTM D244, ASTM D6997)
89	EIE-BT-109	ASPHALT RECOVERY APPARATUS-BY ABSON METHOD-ASTM D1856
90	TM-146-12.5/16	RIFFLE SAMPLE DIVIDER-G.I.-12.5MM (NO. OF SLOT : 16)
91	TM-146-20/16	RIFFLE SAMPLE DIVIDER-G.I.-20MM (NO. OF SLOT : 16)
92	TM-146-25/16	RIFFLE SAMPLE DIVIDER-G.I.-25MM , NO. OF SLOT : 16
93	TM-146-40/12	RIFFLE SAMPLE DIVIDER-G.I.-40MM , NO. OF SLOT : 12
94	TM-146-50/8	RIFFLE SAMPLE DIVIDER-G.I.-50MM , NO. OF SLOT : 8
95	TM-146-75/6	RIFFLE SAMPLE DIVIDER-G.I.-75MM , NO. OF SLOT : 6
96	EIE-VIPL-BB1	BUOYANCY BALANCE
97	TM-070	DENSITY BASKET - G.I. 20 X 20 CM
98	TM-141	PYCNOMETER BOTTLE
99	TM-019-30L	BULK DENSITY CYLINDERICAL METAL MEASURE-30 LTR
100	TM-019-20L	BULK DENSITY CYLINDERICAL METAL MEASURE-20 LTR.
101	TM-019-15L	BULK DENSITY CYLINDERICAL METAL MEASURE-15 LTR.



Digital Marshal Stability Test Apparatus



Rolling Thin Film Oven



Absolute/Kinematic Viscosity Bath

Bitumen Emulsion & Aggregate Testing Instruments

Sr. No.	Model No.	Name of Product
102	TM-019-10L	BULK DENSITY CYLINDERICAL METAL MEASURE-10 LTR
103	TM-019-5L	BULK DENSITY CYLINDERICAL METAL MEASURE-5 LTR.
104	TM-019-3L	BULK DENSITY CYLINDERICAL METAL MEASURE-3 LTR.
105	TM-TR-P	TAMPING ROD 16MM DIA x 600MM LONG PLAIN
106	TM-TR-G	TAMPING ROD 16MM DIA X 600MM LONG GRADUATED (FOR SLUMP TEST)
107	TM-104I	LENGTH GAUGE - ISI MARKED
108	TM-104	LENGTH GAUGE (ELONGATION GAUGE)
109	TM-191I	FLAKINESS GAUGE - ISI MARKED
110	TM-191	FLAKINESS GAUGE - M.S. CHROME/POWDER COATED
111	TM-015	AGGREGATE IMPACT TESTING MACHINE-
112	TM-015C	AGGREGATE IMPACT TESTING MACHINE WITH BLOW COUNTER-
113	TM-017-15	AGGREGATE CRUSHING VALUE TEST APPARATUS-15CM WITHOUT MEASURING CYLINDER
114	TM-017-7.5	AGGREGATE CRUSHING VALUE TEST APPARATUS-7.5CM WITH MEASURING CYLINDER-
115	TM-017-15.1	METAL MEASURE-FOR 15CM DIA AGGREGATE CRUSHING VALUE TEST APPARATUS
116	TM-103	LOS ANGELES ABRASION TESTING MACHINE - WITH presetable DIGITAL COUNTER
117	TM-3001-5	SPECIFIC GRAVITY TEST APP. FOR BITUMINOUS MIX WITH 5 LTR FLASK
118	TM-3001-2	SPECIFIC GRAVITY TEST APP. FOR BITUMINOUS MIX WITH 2 LTR FLASK
119	TM-3001-VPR	VACUUM PYCNOMETER FOR RICE TEST - (WITH VACUUM PUMP & SILICON TUBING) - (ASTM D2041)
120	EIE-BT-1011	HARDNESS TESTER FOR BITUMEN MASTIC ASPHALT WITH ACCESSORIES
121	TM-050	BENKLEMAN BEAM WITH DIAL GAUGE
122	TM-053	STRAIGHT EDGE 3 MTR MS WITH MEASURING WEDGE
123	CB-3	CAMBER BOARD - 3 MTR
124	TCP-30	TEK COAT PLATE 30CM X 30CM
125	TCP-25	TEK COAT PLATE 25CM X 25CM
126	TCP-20	TEK COAT PLATE 20CM X 20CM
127	BS-65	BALLAST SIEVE - 100 X 70 X 10CM - 65MM
128	BS-40	BALLAST SIEVE - 100 X 70 X 10CM - 40MM
129	BS-20	BALLAST SIEVE - 100 X 70 X 10CM - 20MM



Los Angeles Abrasion



Aggregate Impact Value
Testing Machine



Point Load Index Tester



Bitumen Extractor

Bitumen Emulsion & Aggregate Testing Instruments

NABL CALIBRATION SERVICES

Sr. No.	ITEM NAME	Range of Calibration Capability
1	CALIBRATION OF COMPRESSION TESTING MACHINE	Up to 3000 KN
2	CALIBRATION OF UNIVERSAL TESTING MACHINE	Tension Mode :250 N to 50 KN, Compression mode: 250 N to 3000 KN
3	CALIBRATION OF TENSILE TESTING MACHINE	Tension Mode :250 N to 50 KN, Compression mode : 250 N to 3000 KN
4	CALIBRATION OF VIBRATING MACHINE	10 Sec to 1 Hr, 20 rpm to 20000 rpm
5	CALIBRATION OF PROVING RING	Up to 100 KN
6	CALIBRATION OF RPM INDICATOR TACHOMETER	20 to 20000 rpm
7	CALIBRATION OF LABORATORY STIRRER DIGITAL	20 to 20000 rpm
8	CALIBRATION OF FLOCUULATOR	20 to 20000 rpm
9	CALIBRATION OF CENTRIFUGE	20 to 20000 rpm
10	CALIBRATION OF PRESSURE GAUGE	1 to 700 bar
11	CALIBRATION OF AUTOCLAVE	80 to 1200°C 1 to 700 bar
12	CALIBRATION OF PRESSURE TRANSMITTER (0 TO 700 BAR)	1 to 700 bar
13	CALIBRATION OF PRESSURE CALIBRATOR	1 to 700 bar
14	CALIBRATION OF DIAL/DIGITAL VACUUM GAUGE, INDICATORS AND CALIBRATORS	0.9 to 1 bar
15	CALIBRATION OF HUMIDITY CONTROLLER/INDICATOR	10 to 100 %RH
16	CALIBRATION OF THERMO HYGROMETER WITH TIMER	35 to 95 % RH 10 50°C 10 Sec to 1 Hr
17	CALIBRATION OF THERMO HYGROMETER	35 to 95 % RH 1050°C
18	CALIBRATION OF HUMIDITY OVEN	35 to 95 % RH 1050°C
19	CALIBRATION OF WALKINSTABILITY CHAMBER	35 to 95 % RH 1050°C
20	CALIBRATION OF GLASS THERMOMETER (DRY & WET)	80 to 250°C



ASTM D244
Distillation Apparatus for
Emulsified asphalt



Saybolt Viscometer



Ductility Testing Machine

Bitumen Emulsion & Aggregate Testing Instruments

NABL CALIBRATION SERVICES

Sr. No.	ITEM NAME	Range of Calibration Capability
21	CALIBRATION OF GLASS THERMOMETER	80 to 600°C
22	CALIBRATION OF DIGITAL THERMOMETER	80 to 1200°C
23	CALIBRATION OF DIGITAL TEMPERATURE INDICATOR WITH SENSOR	200 to 1760 °C
24	CALIBRATION OF RING & BALL (SOFTENING POINT) DIGITAL	200 to 160 °C
25	CALIBRATION OF VISCOSITY BATH	80 to 300°C
26	CALIBRATION OF DEEP FREEZER	80 to 0°C
27	CALIBRATION OF FLASH POINT APPARATUS DIGITAL	80 to 400°C
28	CALIBRATION OF DIAL THERMOMETER	80 to 1200°C
29	CALIBRATION OF TEMPERATURE SCANNER	200 to 1760 °C
30	CALIBRATION OF HOT AIR OVEN DIGITAL	30 to 500°C
31	CALIBRATION OF MUFFLE FURNACE	30 to 1200°C
32	CALIBRATION OF COD DIGESTOR	30 to 200°C
33	CALIBRATION OF WATERBATH	80 to 100°C
34	CALIBRATION OF BOD INCUBATOR	10 to 100°C
35	CALIBRATION OF DUCTILITY TESTING MACHINE DIGITAL	10 to 50 °C
36	CALIBRATION OF VACUUM OVEN	30 to 200°C
37	CALIBRATION OF REFRIGERATOR	80 to 10°C
38	CALIBRATION OF LOW TEMPERATURE BATH	80 to 10°C
39	CALIBRATION OF ACCELERATED CURING TANK	30 to 100°C
40	CALIBRATION OF THIN FILM OVEN	30 to 200°C
41	CALIBRATION OF BACTERIOLOGICAL INCUBATOR	30 to 100°C
42	CALIBRATION OF DIGITAL TIMER	10 sec to 1 hr
43	CALIBRATION OF STOP WATCH DIGITAL	10 sec to 1 hr
44	CALIBRATION OF SIEVE SHAKER TIMER ONLY	10 Sec to 1 Hr



Ring & Ball Apparatus



Asphalt Content Oven



Fully Automatic Penetrometer

Bitumen Emulsion & Aggregate Testing Instruments

NABL CALIBRATION SERVICES		
Sr. No.	ITEM NAME	Range of Calibration Capability
1	CALIBRATION OF COMPRESSION TESTING MACHINE	Up to 3000 KN
2	CALIBRATION OF UNIVERSAL TESTING MACHINE	Tension Mode :250 N to 50 KN, Compression mode :250 N to 3000 KN
3	CALIBRATION OF TENSILE TESTING MACHINE	Tension Mode :250 N to 50 KN, Compression mode :250 N to 3000 KN
4	CALIBRATION OF VIBRATING MACHINE	10 Sec to 1 Hr, 20 rpm to 20000 rpm
5	CALIBRATION OF PROVING RING	Up to 100 KN
6	CALIBRATION OF RPM INDICATOR TACHOMETER	20 to 20000 rpm
7	CALIBRATION OF LABORATORY STIRRER DIGITAL	20 to 20000 rpm
8	CALIBRATION OF FLOCUULATOR	20 to 20000 rpm
9	CALIBRATION OF CENTRIFUGE	20 to 20000 rpm
10	CALIBRATION OF PRESSURE GAUGE	1 to 700 bar
11	CALIBRATION OF AUTOCLAVE	80 to 1200°C 1 to 700 bar
12	CALIBRATION OF PRESSURE TRANSMITTER (0 TO 700 BAR)	1 to 700 bar
13	CALIBRATION OF PRESSURE CALIBRATOR	1 to 700 bar
14	CALIBRATION OF DIAL/DIGITAL VACUUM GAUGE, INDICATORS AND CALIBRATORS	0.9 to 1 bar
15	CALIBRATION OF HUMIDITY CONTROLLER/INDICATOR	10 to 100 %RH
16	CALIBRATION OF THERMO HYGROMETER WITH TIMER	35 to 95 % RH 10 50°C 10 Sec to 1 Hr
17	CALIBRATION OF THERMO HYGROMETER	35 to 95 % RH 1050°C
18	CALIBRATION OF HUMIDITY OVEN	35 to 95 % RH 1050°C
19	CALIBRATION OF WALKINSTABILITY CHAMBER	35 to 95 % RH 1050°C
20	CALIBRATION OF GLASS THERMOMETER (DRY & WET)	80 to 250°C
21	CALIBRATION OF GLASS THERMOMETER	80 to 600°C
22	CALIBRATION OF DIGITAL THERMOMETER	80 to 1200°C
23	CALIBRATION OF DIGITAL TEMPERATURE INDICATOR WITH SENSOR	200 to 1760 °C



Rolling Thin Film Oven



Absolute/Kinematic Viscosity Bath

Bitumen Emulsion & Aggregate Testing Instruments

NABL CALIBRATION SERVICES		
Sr. No.	ITEM NAME	Range of Calibration Capability
24	CALIBRATION OF RING & BALL (SOFTENING POINT) DIGITAL	200 to 160 °C
25	CALIBRATION OF VISCOSITY BATH	80 to 300°C
26	CALIBRATION OF DEEP FREEZER	80 to 0°C
27	CALIBRATION OF FLASH POINT APPARATUS DIGITAL	80 to 400°C
28	CALIBRATION OF DIAL THERMOMETER	80 to 1200°C
29	CALIBRATION OF TEMPERATURE SCANNER	200 to 1760 °C
30	CALIBRATION OF HOT AIR OVEN DIGITAL	30 to 500°C
31	CALIBRATION OF MUFFLE FURNACE	30 to 1200°C
32	CALIBRATION OF COD DIGESTOR	30 to 200°C
33	CALIBRATION OF WATERBATH	80 to 100°C
34	CALIBRATION OF BOD INCUBATOR	10 to 100°C
35	CALIBRATION OF DUCTILITY TESTING MACHINE DIGITAL	10 to 50 °C
36	CALIBRATION OF VACUUM OVEN	30 to 200°C
37	CALIBRATION OF REFRIGERATOR	80 to 10°C
38	CALIBRATION OF LOW TEMPERATURE BATH	80 to 10°C
39	CALIBRATION OF ACCELERATED CURING TANK	30 to 100°C
40	CALIBRATION OF THIN FILM OVEN	30 to 200°C
41	CALIBRATION OF BACTERIOLOGICAL INCUBATOR	30 to 100°C
42	CALIBRATION OF DIGITAL TIMER	10 sec to 1 hr
43	CALIBRATION OF STOP WATCH DIGITAL	10 sec to 1 hr
44	CALIBRATION OF SIEVE SHAKER TIMER ONLY	10 Sec to 1 Hr
45	CALIBRATION OF STANDARD PENETROMETER	Timer only 10 Sec to 1 Hr
46	CALIBRATION OF WEIGHT BOX (UP TO E2 CLASS)	1 mg to 500 g



Los Angeles Abrasion



Aggregate Impact Value Testing Machine



Point Load Index Tester



Bitumen Extractor

Bitumen Emulsion & Aggregate Testing Instruments

NABL CALIBRATION SERVICES		
Sr. No.	ITEM NAME	Range of Calibration Capability
47	CALIBRATION OF ELECTRONIC MICRO BALANCE	1 mg to 5 gm x 0.001 mg
48	CALIBRATION OF ELECTRONIC BALANCE	200 GM 200 g x 0.1 mg
49	CALIBRATION OF ELECTRONIC BALANCE	Up to 50 kg
50	CALIBRATION OF INFRARED MOISTURE BALANCE	up to 1000 g 30 to 250 °C
51	CALIBRATION OF DIAL GAUGE	0 to 25 mm, LC: 0.001 mm & Coarser
52	CALIBRATION OF THICKNESS GAUGE/ OUTSIDE MICROMETER	0 to 25 mm, LC: 0.001 mm & Coarser
53	CALIBRATION OF VERNIER CALIPER	0- 300 mmx 0.01 mm
54	CALIBRATION OF MEASURING TAPE	Up to 50 mtr
55	CALIBRATION OF MEASURING SCALE	Up to 50 mtr
56	CALIBRATION OF COARSE SIEVE (10MM TO 150MM)	Price per each size 10 mm to 125 mm
57	CALIBRATION OF FINE SIEVE (45 MIC TO 10MM)	Price per each size 45 µm to 10 mm
58	CALIBRATION OF COATING THICKNESS GAUGE	Standard Foils 0.01 to 1 mm
59	SINGLE/MULTI CHANNEL MICRO PIPETTE	1µl to 10 µl
60	CALIBRATION OF VOLUMETRIC FLASK	10 µl to 2000 ml
61	CALIBRATION OF BURETTE	10 µl to 100 ml
62	CALIBRATION OF PIPETTE	10 µl to 10 ml
63	CALIBRATION OF MICROPIPETTE	10 µl to 2000 ml
64	CALIBRATION OF CBR MACHINE	50 KN 0 - 25 mm,
65	CALIBRATION OF DIRECT SHEAR	50 KN 0 - 25 mm,
66	CALIBRATION OF TRIAXIAL SHEAR	2.0 KN 0 - 25 mm,
67	CALIBRATION OF UNCONFINED COMPRESSION	2.0 KN 0 - 25 mm,
68	CALIBRATION OF SOUND LEVEL METER	94 dB and 114 dB



ASTM D244
Distillation Apparatus for
Emulsified asphalt



Saybolt Viscometer



Ductility Testing Machine