

LOGO		PROJECT DETAILS																
Client																		
Authority Engineer																		
EPC Contractor																		
RMM CALIBRATION																		
IS:2720 (Part-2)																		
RMM NO -01																		
Date of Calibration				22.11.2023						Due Date of Calibration				21.01.2024			RMM Reading	Corrected Moisture Content
Description	Unit	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Trial 6	Trial 7	Trial 8	Trial 9	Trial 10	Trial 11	Trial 12	Trial 13	Trial 14	Trial 15		
Water % Added	%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	1.39
Container No	No	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	2	2.51
Weight of Container	gms	26.34	27.27	27.12	27.11	27.20	26.56	27.25	27.30	26.86	26.52	26.42	26.88	26.14	27.21	27.26	3	3.63
Weight of Cont. + Wet soil	gms	64.25	66.25	66.77	68.85	65.63	65.00	65.78	69.96	69.44	65.54	64.44	65.58	64.55	70.36	70.55	4	4.75
Weight of Cont. + Dry soil	gms	63.90	65.55	65.60	67.15	63.75	62.70	62.93	66.58	65.72	61.80	60.34	60.99	59.53	64.65	64.60	5	5.87
Weight of water	gms	0.35	0.70	1.17	1.70	1.88	2.30	2.85	3.38	3.72	3.74	4.10	4.59	5.02	5.71	5.95	6	6.99
Weight of Dry soil	gms	37.56	38.28	38.48	40.04	36.55	36.14	35.68	39.28	38.86	35.28	33.92	34.11	33.39	37.44	37.34	7	8.10
Moisture Content	%	0.93	1.83	3.04	4.25	5.14	6.37	7.99	8.62	9.58	10.60	12.09	13.45	15.02	15.25	15.93	8	9.22
RMM Reading	%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	9	10.34
																	10	11.46
																	11	12.58
																	12	13.70
																	13	14.82
																	14	15.93
																	15	17.05
For EPC Contractor's Representative Name : _____ Sign.: _____ Date: _____ For AE/IE/PMC Representative Name : _____ Sign.: _____ Date: _____																		

NATIONAL HIGHWAYS AUTHORITY OF INDIA

CALIBRATION OF RAPID MOISTURE METER

Project

Client

National Highways Authority of India

Consultant

Contractor

RMM ID

Date of Calibration

Calibrated By

Due Date

Determination of Moisture Content

% of Water Added	2%	4%	6%	8%	10%	12%
Container No.	92	93	94	95	96	97
Wt. of empty container, W1	74.43	72.45	74.54	75.08	74.25	75.58
Wt. of container and wet soil, W2	95.86	93.24	90.44	98.68	102.52	101.7
Wt. of container and dry soil, W3	95.46	92.47	89.57	96.96	99.97	98.94
Wt. of water, W4=W2-W3	0.4	0.77	0.87	1.72	2.55	2.76
Wt. of dry soil, W5=W3-W1	21.03	20.02	15.03	21.88	25.72	23.36
Moisture Content, W = 100*W4/W5	1.90	3.85	5.79	7.86	9.91	11.82

% of Water Added	14%	16%	18%	20%	22%
Container No.	98	99	100	101	102
Wt. of empty container, W1	75.97	79.63	76.79	73.10	73.10
Wt. of container and wet soil, W2	100.86	103.89	106.43	102.75	107.84
Wt. of container and dry soil, W3	97.83	100.58	101.95	97.85	101.64
Wt. of water, W4=W2-W3	3.03	3.31	4.48	4.9	6.2
Wt. of dry soil, W5=W3-W1	21.86	20.95	25.16	24.75	28.54
Moisture Content, W = 100*W4/W5	13.86	15.80	17.81	19.80	21.72

Remarks : _____

For EPC Contractor's Representative

Name : _____

Sign.: _____

Date: _____

For AE/IE/PMC Representative

Name : _____

Sign.: _____

Date: _____

NATIONAL HIGHWAYS AUTHORITY OF INDIA

CALIBRATION OF RAPID MOISTURE METER

Project

Client : National Highways Authority of India

Consultant :

Contractor

Calibration of Rapid Moisture Meter

RMM ID : 03

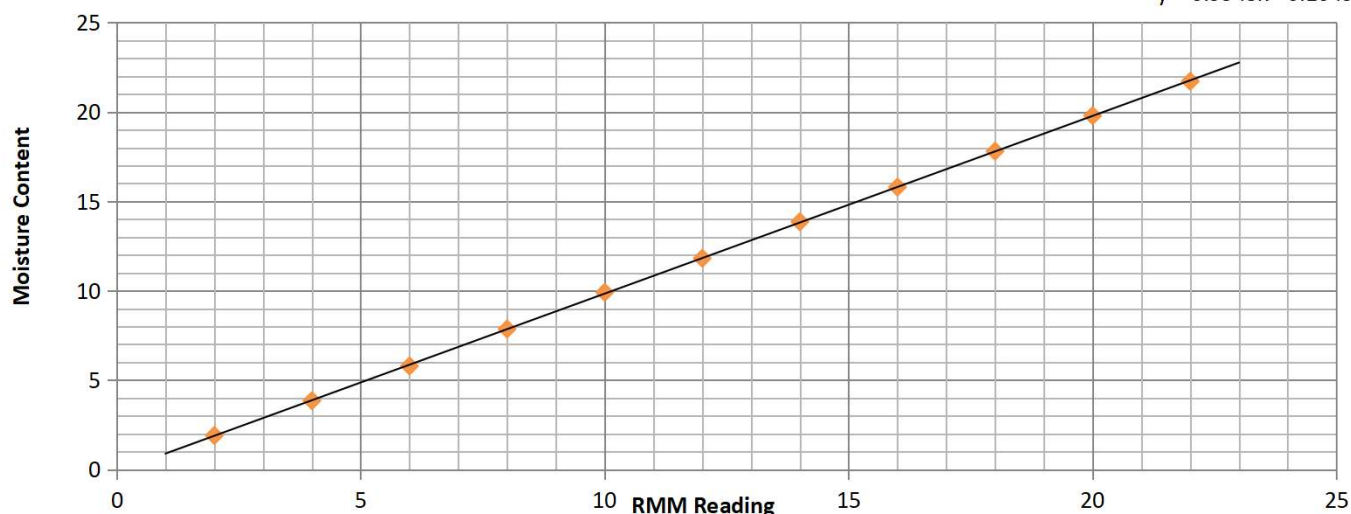
Date of Calibration

Calibrated By

Due Date

% of Water Add	RMM Reading	Moisture Content	RMM Reading	Moisture Content	RMM Reading	Moisture Content	RMM Reading	Moisture Content
2.0	2.0	1.90	1.0	0.89	8.5	8.35	16.0	15.80
4.0	4.0	3.85	1.5	1.39	9.0	8.84	16.5	16.30
6.0	6.0	5.79	2.0	1.88	9.5	9.34	17.0	16.79
8.0	8.0	7.86	2.5	2.38	10.0	9.84	17.5	17.29
10.0	10.0	9.91	3.0	2.88	10.5	10.33	18.0	17.79
12.0	12.0	11.82	3.5	3.38	11.0	10.83	18.5	18.29
14.0	14.0	13.86	4.0	3.87	11.5	11.33	19.0	18.78
16.0	16.0	15.80	4.5	4.37	12.0	11.82	19.5	19.28
18.0	18.0	17.81	5.0	4.87	12.5	12.32	20.0	19.78
20.0	20.0	19.80	5.5	5.36	13.0	12.82	20.5	20.27
22.0	22.0	21.72	6.0	5.86	13.5	13.32	21.0	20.77
			6.5	6.36	14.0	13.81	21.5	21.27
			7.0	6.85	14.5	14.31	22.0	21.76
			7.5	7.35	15.0	14.81		
			8.0	7.85	15.5	15.30		

$$y = 0.9945x - 0.1049$$



Remarks : _____

For EPC Contractor's Representative

Name : _____

Sign.: _____

Date: _____

For AE/IE/PMC Representative

Name : _____

Sign.: _____

Date: _____

NATIONAL HIGHWAYS AUTHORITY OF INDIA

CALIBRATION OF RAPID MOISTURE METER

Project

Client : National Highways Authority of India

Consultant :

Contractor

RMM ID : 02

Date of Calibration

Calibrated By

Due Date

Determination of Moisture Content

% of Water Added	2%	4%	6%	8%	10%	12%
Container No.	81	82	83	84	85	86
Wt. of empty container, W1	66.53	64.48	65.82	64.29	64.81	64.78
Wt. of container and wet soil, W2	90.26	90.25	92.39	97.46	100.89	101.7
Wt. of container and dry soil, W3	89.80	89.29	90.92	95.03	97.66	97.73
Wt. of water, W4=W2-W3	0.46	0.96	1.47	2.43	3.23	3.97
Wt. of dry soil, W5=W3-W1	23.27	24.81	25.1	30.74	32.85	32.95
Moisture Content, W = 100*W4/W5	1.98	3.87	5.86	7.91	9.83	12.05

% of Water Added	14%	16%	18%	20%	22%
Container No.	87	88	89	90	91
Wt. of empty container, W1	76.82	75.82	77.33	74.85	79.11
Wt. of container and wet soil, W2	100.86	103.89	106.43	102.75	107.84
Wt. of container and dry soil, W3	97.93	100.04	101.95	98.12	102.61
Wt. of water, W4=W2-W3	2.93	3.85	4.48	4.63	5.23
Wt. of dry soil, W5=W3-W1	21.11	24.22	24.62	23.27	23.5
Moisture Content, W = 100*W4/W5	13.88	15.90	18.20	19.90	22.26

Remarks : _____

For EPC Contractor's Representative

Name : _____

Sign.: _____

Date: _____

For AE/IE/PMC Representative

Name : _____

Sign.: _____

Date: _____

NATIONAL HIGHWAYS AUTHORITY OF INDIA

CALIBRATION OF RAPID MOISTURE METER

Project

Client : National Highways Authority of India

Consultant :

Contractor

Calibration of Rapid Moisture Meter

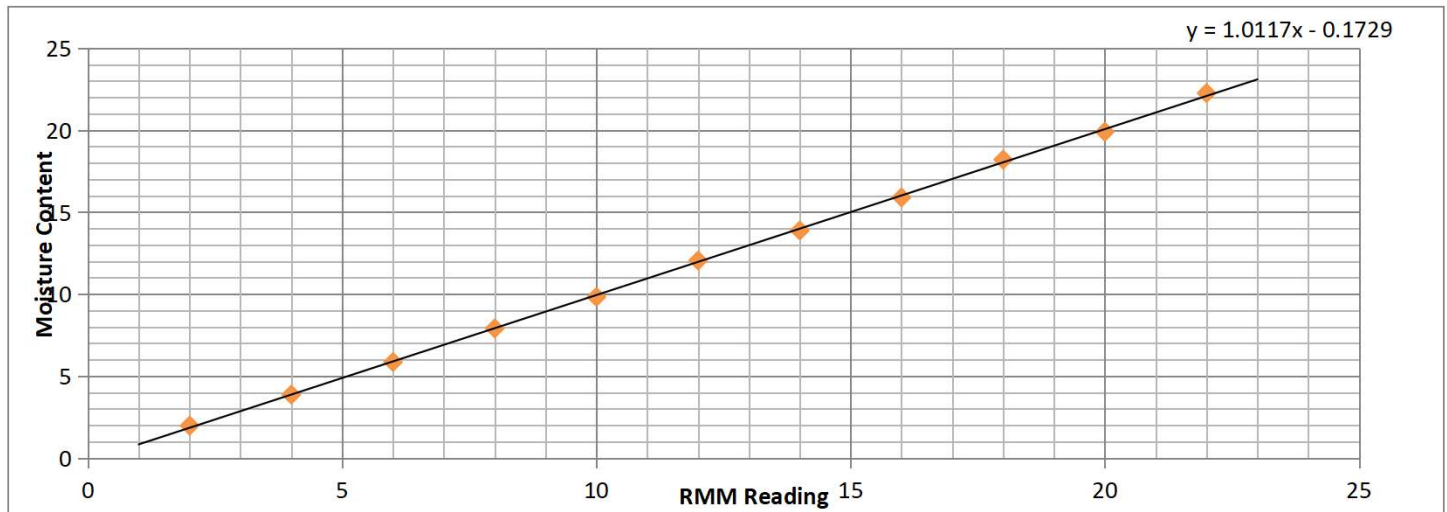
RMM ID : 02

Date of Calibration

Calibrated By

Due Date

% of Water Add	RMM Reading	Moisture Content	RMM Reading	Moisture Content	RMM Reading	Moisture Content	RMM Reading	Moisture Content
2.0	2.0	1.98	1.0	0.84	8.5	8.42	16.0	16.00
4.0	4.0	3.87	1.5	1.34	9.0	8.93	16.5	16.51
6.0	6.0	5.86	2.0	1.85	9.5	9.43	17.0	17.02
8.0	8.0	7.91	2.5	2.36	10.0	9.94	17.5	17.52
10.0	10.0	9.83	3.0	2.86	10.5	10.44	18.0	18.03
12.0	12.0	12.05	3.5	3.37	11.0	10.95	18.5	18.53
14.0	14.0	13.88	4.0	3.87	11.5	11.45	19.0	19.04
16.0	16.0	15.90	4.5	4.38	12.0	11.96	19.5	19.54
18.0	18.0	18.20	5.0	4.88	12.5	12.47	20.0	20.05
20.0	20.0	19.90	5.5	5.39	13.0	12.97	20.5	20.55
22.0	22.0	22.26	6.0	5.89	13.5	13.48	21.0	21.06
			6.5	6.40	14.0	13.98	21.5	21.56
			7.0	6.91	14.5	14.49	22.0	22.07
			7.5	7.41	15.0	14.99		
			8.0	7.92	15.5	15.50		



Remarks : _____

For EPC Contractor's Representative

Name : _____

Sign.: _____

Date: _____

For AE/IE/PMC Representative

Name : _____

Sign.: _____

Date: _____