

MUNICIPAL CORPORATION OF DELHI  
OFFICE OF SUPERINTENDING ENGINEER (LAB)  
(UNDER ENGINEER-IN-CHIEF-II)  
TECHNICAL LABORATORY, SECTOR-9, R.K. PURAM,  
NEW DELHI - 110022

No.D-111 /SE(lab)-II/MCD/2022-23

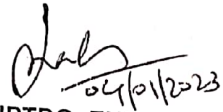
Dated: 04-01-23

Circular

This is in continuation to this office circular no. No.D-100/SE (Lab)-II/MCD/2022-23 dated 16/12/2022. The Technical Laboratory for Testing of Civil Engineering Materials of MCD at (i) Alipore Road, Near Vidhan Sabha Metro Station, Delhi-110054 and (ii) Sector-9, R.K. Puram, New Delhi-110022 are fully functional and successfully working. After unification of Municipal Corporation of Delhi (MCD), both the laboratories have been **accredited with ISO-9001:2015 Certification (Quality Management System ISO-9001:2015 for Design of Mix & Testing of Civil Engineering Materials)**. The copy of the ISO Certificate is enclosed herewith as **Annexure-I**.

The new Technical Laboratory of MCD at R.K. Puram is having latest technology equipments and machines of high quality with high precision too. Presently the technical laboratories of MCD are conducting testing of around 20 materials of Civil Engineering as per the specifications of BIS, CPWD, IRC, MORTH etc with good engineering practices through its well experienced and Technically Qualified Engineers and Staff with utmost integrity. The Testing of Materials / Items have been revised w.e.f. 05.01.2023. The Revised Rates for Testing of Materials / Items are enclosed herewith as **Annexure- II**. The testing charges of the MCD Technical Laboratories are very competitive and in parity with other govt. agencies in the NCR of Delhi.

All the Government Departments, Public Sector-Undertakings and other Private Agencies/Organizations etc working in Delhi & NCR who are executing Civil Engineering Works are hereby requested to utilise the testing facilities available in both the Technical Laboratories of MCD at (i) Alipore Road, Near Vidhan Sabha Metro Station, Delhi-110054 and (ii) Sector-9, R.K. Puram, New Delhi-110022.

  
04/01/2023  
SUPTDG. ENGINEER(LAB)-II

Encl: As above (04 Pages)

**Distribution: -**

1. Engineer-in-Chief, PWD, GNCTD, Delhi
2. Managing Director, DMRC
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4. Member Engineering, Delhi Jal Board
5. Engineer-in-Chief, New Delhi Municipal Corporation
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15. Engineer-Chief, (PWD, B&R), Haryana
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## ANNEXURE-II

REVISED TESTING CHARGES FOR CIVIL ENGG MATERIALS IN TECHNICAL  
LABORATORIES OF MCD w.e.f. 05.01.2023

S.No.	Material	Unit	Revised Rates	
			For Govt. Agencies	For Non Govt. Agencies
			Rs.	Rs.
1	<b>AGGREGATE</b>			
1.1	Sieve Analysis	Each	573	859
1.2	Impact Value	Each	1147	1720
1.3	Crushing Value	Each	1720	2581
1.4	Abrasion Value	Each	2293	3440
1.5	Flakiness Value/Elongation Value	Each	913	1369
1.6	Water Absorption	Each	679	1018
1.7	Stripping Value	Each	1369	2055
1.8	Specific Gravity	Each	573	859
2	<b>Fine Aggregate (Sand)</b>			
2.1	Sieve Analysis	Each	573	859
2.2	Silt Content (By Volume) as per CPWD Specification	Each	351	527
2.3	Bulking of sand	Each	351	527
3	<b>Bricks</b>			
3.1	Compressive strength (5 nos.)	Each	819	1229
3.2	Water Absorption (5 nos.)	Each	1638	2457
3.3	Efflorescence (5 nos.)	Each	2223	3335
3.4	(Brick Agg.)	Each	679	1018
4	<b>Cement</b>			
4.1	Compressive strength (3,7 & 28 days)	Each	2340	3510
4.2	Consistency	Each	901	1357
4.3	Initial & Final setting	Each	1217	1825
4.4	Soundness (Le-chattalier Method)	Each	1346	2012
4.5	Fineness value of cement	Each	1217	1825
5	<b>Cement Concrete</b>			
5.1	Slump Test	Each	491	737
5.2	Compressive strength of cubes 3 nos.	Each	1404	2106
5.3	Concrete core	Each	702	1053
5.4	concrete members excluding hire	Each	2340	3510
5.5	Cement Concrete Mix Design	Each	70200	105300
6	<b>Glazed Tiles</b>			
6.1	Water absorption test (10 Tiles)	Each	1053	1580
6.2	Impact Test (10 Tiles)	Each	1638	2457
6.3	Crazing Test (10 Tiles)	Each	2574	3861
7	<b>Tar &amp; Bitumen</b>			

*Phacke*



7.1	Softening Point	Each	1170	1755
7.2	Ductility /Elastic recovery	Each	1170	1755
7.3	Penetration Value	Each	468	702
7.4	Loss on heating	Each	1755	2633
7.5	Solubility in TCE	Each	1755	2633
7.6	Specific Gravity	Each	573	866
8	<b>Bituminous Concrete</b>			
8.1	Binder Contents	Each	1755	2633
8.2	Particle size distribution	Each	585	878
8.3	Marshal Stability and flow Value	Each	2925	4388
8.4	Concrete/Asphaltic Concrete Mix	Each	70200	105300
9	<b>Mastic Asphalt</b>			
9.1	Binder Contents	Each	1755	2750
9.2	Asphalt Sample	Each	10530	15795
9.3	Design of Mastic Mix	Each	58500	87750
10	<b>Lime</b>			
10.1	Particle size distribution	Each	585	878
10.2	CaCo3 in Lime stone dust	Each	10530	15795
11	<b>Cement Concrete Tiles/Terrazzo</b>			
11.1	Wet transverse strength (6 Tiles)	Each	4212	6318
11.2	Abrasion /Resistance to wear (6 Tiles)	Each	2808	4212
11.3	Water Absorption (5 Tiles)	Each	1170	1755
12	<b>Interlocking Tiles</b>			
12.1	Water Absorption	Each	1170	1755
12.2	Compressive strength	Each	1872	2808
13	<b>Timber</b>			
13.1	indentification of wood	Each	2340	3510
14	<b>Flush Door Shutter</b>			
14.1	End emersion	Each	2644	3966
14.2	Knife Test	Each	702	1053
14.3	Glue Adhesion Test	Each	1170	2048
15	<b>Steel</b>			
15.1	Tensile Strength/elongation value	Each	1404	2106
15.2	Bend Test	Each	936	1404
15.3	Rebend Test	Each	1170	1755
16	<b>Water</b>			
16.1	For construction purposes	Each	3978	5967
17	<b>Soil</b>			
17.1	Wet Sieve Analysis	Each	2340	3510
17.2	limit)	Each	2340	3510
17.3	O.M.C./Dry Density (Optimum)	Each	1404	2106
18	<b>Manhole Cover</b>			
18.1	Compression Load Test	Each	1404	2106
19	<b>Paint (Road Marking)</b>			
19.1	Drying Time			

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19.1.1	Surface Dry	Each	468	702
19.1.2	Hard dry	Each	468	702
19.2	Consistency	Each	702	1053
19.3	Finish	Each	468	702
19.4	Application	Each	468	702
19.4.1	Resistance to bleeding	Each	936	1404
19.5	Recoating property	Each	468	702
19.6	Resistance to wear	Each	1872	2808
19.7	Residue on sieve	Each	468	702
19.8	Flash & Fire Point	Each	1404	2106
20	Ready Mix Paint			
20.1	Drying Time			
20.1.1	Surface Dry	Each	468	702
20.1.2	Hard dry	Each	468	702
20.1.3	Teck Dry	Each	468	702
20.2	Consistency	Each	702	1053
20.3	Finish	Each	702	1053
20.4	Scratch hardness test	Each	702	1053
20.5	Flexibility & adhesion test	Each	702	1053
20.6	Stripping test	Each	702	1053
20.7	Resistance to water	Each	936	1404
20.8	Flash & Fire Point	Each	1404	2106

Check





# Certificate

SWISS CERT Pvt. Ltd. hereby Certify that the Quality Management System of  
**TECHNICAL LABORATORY,  
MUNICIPAL CORPORATION OF DELHI**

- ALIPORE ROAD, NEAR VIDHAN SABHA METRO STATION,  
DELHI - 110 054, INDIA
- SECTOR 9, R. K. PURAM, DELHI-110 022, INDIA

has been assessed and found to be in accordance with the requirements of

**Quality Management System ISO 9001:2015**

and scope of activities are detailed below as per IAF/NACE Code : 16,35/23.6,71.2

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**DESIGN OF MIX & TESTING OF CIVIL ENGINEERING MATERIALS.**

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This Certificate is valid for a period of Three years from: 25.04.2020 until: 24.04.2023  
And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 210644

Rev. No: 01, Dated: 09.12.2022

Date of Initial Certification: 25.04.2014



Director

SWISS CERT PVT. LTD.

412, BEST SKY TOWER, NETAJI SUBHASH PLACE, PITAMPURA, DELHI - 110 034, INDIA

This certificate is the property of SWISS CERT PRIVATE LIMITED and shall be returned upon request.

All Interested parties are advised to verify the validity of the certificate from SWISSCERT ([info@swisoindia.com](mailto:info@swisoindia.com))