

BUSINESS PORTFOLIO



UBIXA TESTING LABORATORY



NABL Accredited Testing Laboratory



☎ +91 80876 77818

✉ testing@ubixa.in

**Head Office: UBIXA Pvt Ltd, Besides Maruti Nexa Showroom, Saturna,
Badnera Road, Amravati, Maharashtra - 444607**

**Branch: UBIXA Pvt Ltd, Shop no.8, Biz Square, Besides Kamalnayan Bajaj
Hospital, Chht. Sambhajinagar-431010**

ABOUT US

We have been in the field of Quality Control and Laboratory instruments since 1970. We started our NABL Accredited Calibration laboratory in the year 2000 which works on a PAN India basis. "UBIXA" started its testing services in 2020 with Non-Destructive testing as its proficiency. We eventually ventured into Material Testing of all construction materials. We provide the fastest testing with the best service and customer support. Our ideal vision is to provide all your quality control and civil engineering requirements under one roof with the best possible service.

UBIXA (Testing Laboratory) is NABL Accredited renowned for its prompt, dependable, and trustworthy testing services for over 250+ physical and chemical testing parameters. The laboratory covers a comprehensive range of tests, such as:

Construction Material Testing - Physical & Chemical

Non-Destructive testing and Structural audit

Water testing

Food testing

Environment testing

OUR KEY VALUES



Reliability & Commitment



Fastest Testing



Accuracy & Authenticity



Online Support throughout

PHYSICAL TESTING ON CONSTRUCTION MATERIAL



UBIXA provides physical tests on the all kinds of Construction material with all the parameters as per the latest Indian Standards. We have calibrated, accurate, high-quality, and computerized setups for testing.

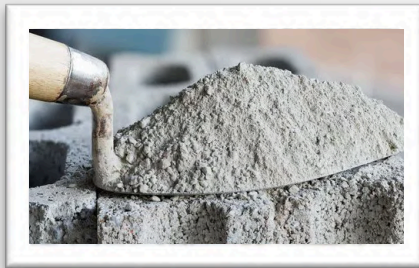
We provide in-house testing as per Indian Standards and ISO 17025:2017 accreditation for below:



Soil



Coarse & Fine aggregate



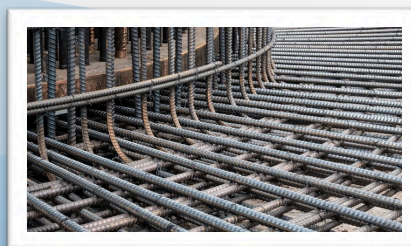
Cement & Fly Ash



Bitumen



Concrete



Steel



Bricks & Paver Block

CHEMICAL TESTING ON CONSTRUCTION MATERIAL



Our state-of-the-art chemical testing laboratory offers a wide range of services for building materials, water, agricultural soil, and food testing. We use the latest equipment and methods to ensure accurate and reliable results. Our team of experienced chemists is dedicated to providing our clients with the highest quality of service.

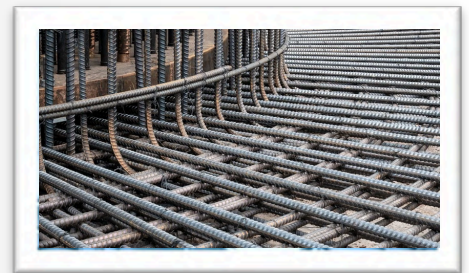
We perform chemical tests to get an overall understanding of the material used and its compliance with the required standard. We highly promote testing the chemical parameters of building materials as it is crucial in quality control.



Water



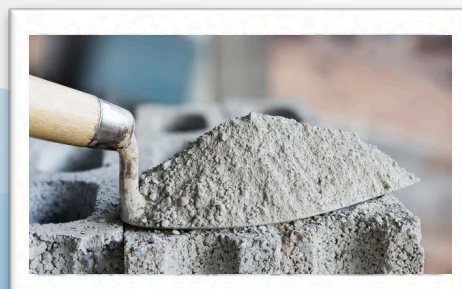
Coarse & Fine aggregate



Steel



Admixture



Cement & Fly Ash



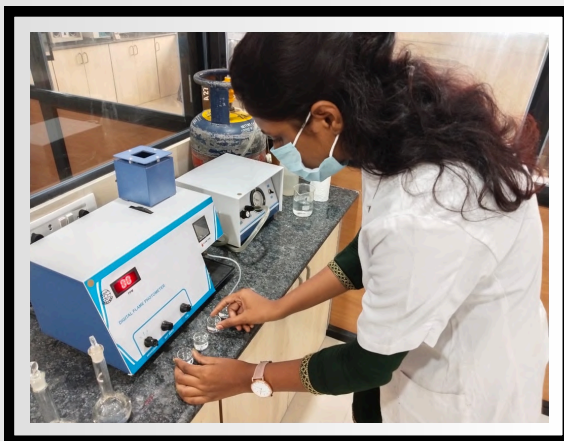
WATER TESTING



We test more than 40+ parameters in Drinking Water, Ground Water, Borewell Water, Industrial Water, Packaged Drinking Water Waste Water, etc.

We test for a wide range of characteristics such as pH, TDS, Dissolved Solids, etc., and contaminants, including bacteria, heavy metals, pesticides, and organic chemicals. We also test water for compliance with relevant standards.

Whether you are a homeowner, business owner, or government agency, we can help you ensure the safety of your water.



ENVIRONMENTAL TESTING

We provide Air Quality Monitoring, Noise level, Stack monitoring for pollution control compliances and agricultural soil testing for fertility check.

We provide critical parameters for ambient air quality and stack monitoring such as PM 2.5, PM 10, SO_x, NO_x, CO, SPM, TPM, flue gas velocity etc. which are mandatory for industries, service workshops, construction projects, public places etc.

We provide 14 parameters on agricultural soil that affects crop growth. The ICAR approved test kit provides effective personalized recommendations to improve the growth and fertility of the soil.



FOOD TESTING



With a focus on ensuring food safety and quality, our dedicated team of experienced chemists meticulously examines and evaluates various food samples, providing accurate results that empower businesses to meet regulatory requirements and maintain consumer trust. From nutritional analysis to contaminants screening, our laboratory is committed to safeguarding the integrity of the food supply chain, promoting public health, and supporting the success of the food industry.

We test the below food items:

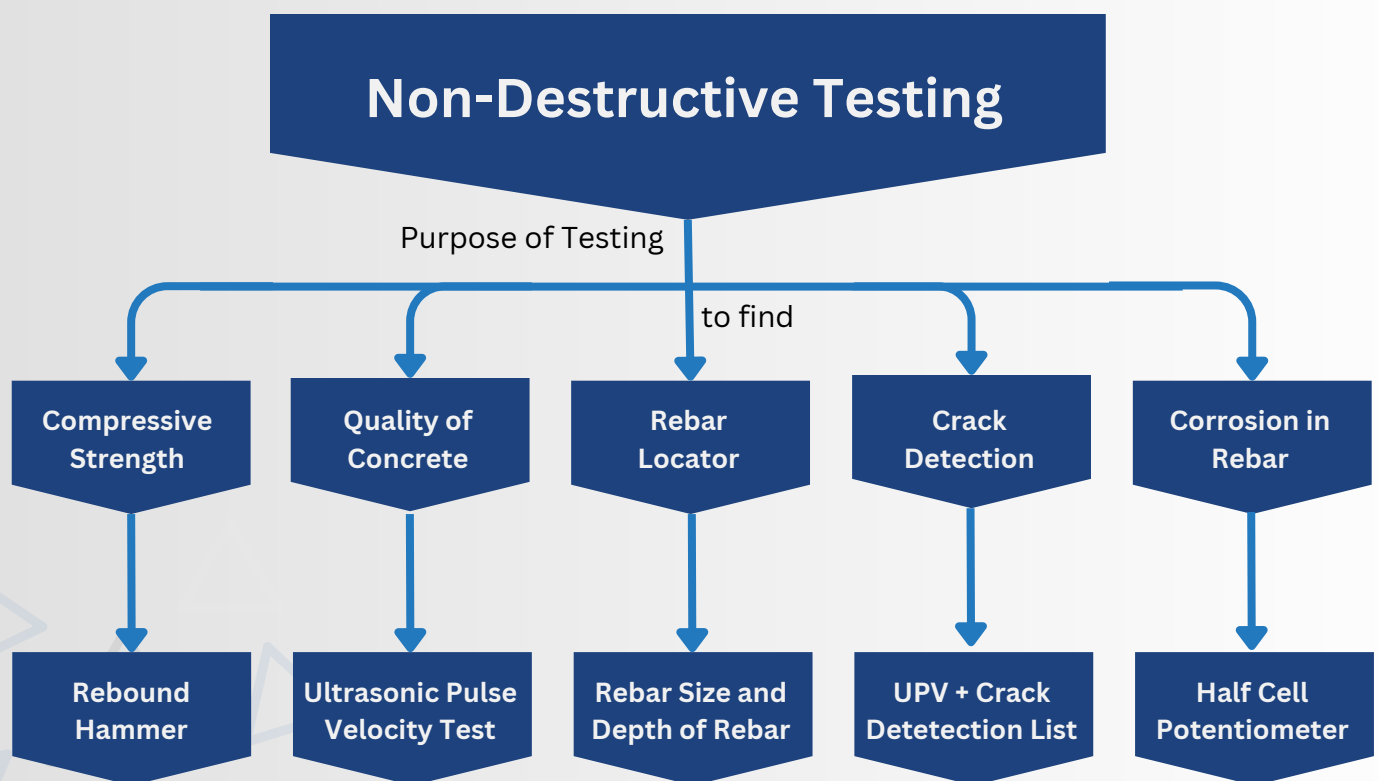
Food Grains, Rice	Non-alcoholic ("soft") beverages, Fruit juices, Water-based flavoured drinks, Non-carbonated water-based flavoured drinks				
Fruits and vegetables	Mycotoxins	Sweetend milk, Partly & high fat	Cereals , pulses & cereal	Herbs , Spices, Condiments	Mango, Pineapple, Lemon
All fresh fruit	Cereal & Cereal Products	Ghee, Butter, Milk powder	Atta (wheat flour), Maida	Chillies, Capsium, Lal Mirchi powder	Snacks
Fresh vegetables	Nuts and raisins	Cream powder	Semolina (suji or rawa)	Cinnamon, Cloves Cumin, Fenugreek	Biscuits including water biscuits
Daily products	Groundnut	Curd, Full cream chakka	Besan, Pearl barley (jav)	Mustard, Turmeric, Curry Powder	Breads, Nuts, Groundnut
Milk	Skimmed milk	Shrikhand, Chass	Food Grains, Wheat	Chillies, Coriander	Common salt, Iron
Double Toned milk	Partly skimmed powder	Ice cream, Kulfi	Maize, Jowar, Bajra	Orange, Apple, Guava	Fortilied salt, Iodized salt
Coffee , Coffee - chicory mixture	Emulsions, Groundnut oil	Linseed oil, Rapeseed	Mustard oil, Soya bean oil	Palm oil, Sunflower seed oil	Rice bran oil, Vegetable oil
Mineral water (Natural Mineral Water, Non Carbonated Mineral Water , Carbonated mineral water) as per IS:13428:2005, Packaged Drinking Water (other than Mineral Water) as per IS 14543:2016					Black tea, Kangra Tea, Instant tea



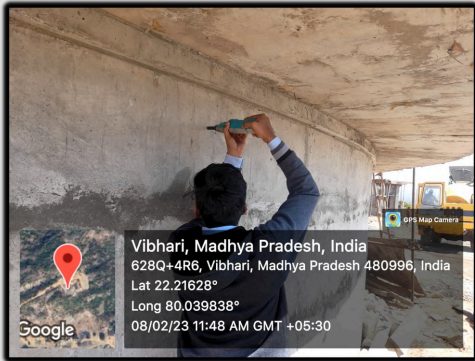
SITE TESTING SERVICES

NON-DESTRUCTIVE TESTING

Non-Destructive Testing is used to evaluate properties such as strength, durability, crack depth, and rebar of newly built/old structures without causing damage to the structure.



Equipment used for testing



We have the most advanced digital instruments for conducting Non-Destructive Testing. Our NDT instruments are state-of-the-art and manufactured by "Proceq" – Swiss make imported equipment.



SITE TESTING SERVICES

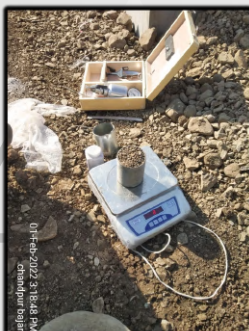
Core extraction and testing

We provide core cutting tests for bitumen, and concrete on-site with our equipment. The extracted samples are then sent back to the laboratory for testing. We have a core cutting machine of Hilti make.



Sand Replacement, Core cutting of Soil

Soil tests such as Field Density tests are conducted by us on-site.



SITE TESTING SERVICES

Soil Investigation

We provide Soil Investigation by Borehole drilling, Standard Penetration Test along with lab testing of samples to give an overall report of the strata classification along with the Safe bearing capacity and type of foundation according to the facts found during the investigation work.



SITE TESTING SERVICES

Standard Penetration Test, Field CBR, Plate Load Test, and DCPT

We provide Standard Penetration Tests and Plate Load Tests for calculating the Safe Bearing Capacity of Soil Foundation and DCPT for CBR equivalence of the soil at the Site.



SURVEY AND STRUCTURAL STABILITY SERVICES

We provide Survey work for railways, petrol pumps, highways, etc along with Structural Audit services. For structures more than 25 years old, it is mandatory to conduct a structural audit in order to ensure its health for continued usage and highlight critical areas. With our team of Structural and Testing engineers, we provide visual inspection, testing for strength and other parameters, recommendations, and retrofitting options in order to ensure safety.

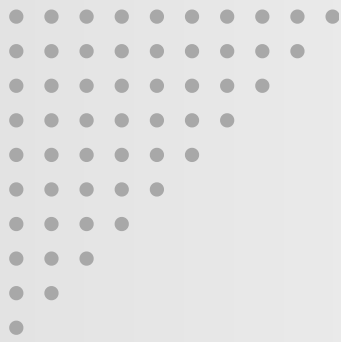
We have done a Structural Audit of

- ★ **HPCL Khapri LPG plant**
- ★ **Indian Oil Corporation Limited Plant**
- ★ **Sai Wardha Power Generation Private Limited, Warora**
- ★ **Zilla Parishad Building, Gadchiroli**

We have provided structural audit services to several housing societies, commercial spaces, and hospitals.

Our scope of work in Structural Audit includes:

- ▶ Visual inspection of the building
- ▶ Identification of general conditions and settlement along with major and minor defects
- ▶ Non-destructive testing on major structural elements
- ▶ Comprehensive report including photos, summary and recommendations



UBIXA

HIGHLIGHTS OF OUR LABORATORY



Fastest service for Testing and reports



All Digital and Calibrated Equipment



Dedicated Customer and Technical Support



Most Advanced Instruments in NDT



Computerized results along with online reports availability



One stop destination for all your Quality control and Civil Engineering requirement including "Calibration", "Instruments" and "Construction material Testing"

UBIXA TESTING LABORATORY INFRASTRUCTURE



UBIXA TESTING LABORATORY INFRASTRUCTURE





National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UBIXA (TESTING LABORATORY), SATURNA, BADNERA ROAD, AMRAVATI, MAHARASHTRA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-9534
Validity 11/01/2024 to 17/05/2025
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	MECHANICAL- SOIL- FIELD	Soil / Murum	Plate Load Test	IS 1888
2	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Half Cell Potential Test (Corrosion Analysis)	ASTM C876
3	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test	IS 516 (part 5, Section - 4)
4	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Sec-1)
5	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure depth	Carbonation Test	IS 516 (Part-5/Sec3)
6	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC Structure	Cover Meter Test	BS 1881 (Part-204)

OTHER TESTS THAT WE COVER IN OUR LABORATORY

HDPE & PVC Pipe

- Visual and Dimension Test
- Reversion Test
- Melt Flow Index

Pile Load Tests

- Compression Load Test
- Lateral Load Test
- Pull Out Load Test

Paint Tests

- Color
- Drying time (Hard & Surface Dry)
- Finish
- Mass per 10 Litre
- Temperature Stability +60 Deg +/- 2 Deg

Mix Designs

- GSB Mix Design
- WMM Mix Design
- Concrete Mix Design (All standard grades)
- PQC Mix Design
- DLC Mix Design
- Paver Block Mix Design
- BC& DBM Mix Design

Soil Permeability Test
Total Exchangeable Metallic Cations in Soil
Concrete Permeability Test
Standard Penetration Test
Dynamic Cone Penetration Test
Field CBR
Bridge load test




CONTACT US




UBIXA

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National Accreditation Board for
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CERTIFICATE OF ACCREDITATION

UBIXA (TESTING LABORATORY)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

SATURNA, BADNERA ROAD, AMRAVATI, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-16519

Issue Date: 01/08/2025

Valid Until: 31/07/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: UBIXA PRIVATE LIMITED

Signed for and on behalf of NABL




Anuja Anand
Director


N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Certificate Number TC-16519
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content (Liquid Or Non-Liquid)	IS-9103(Annex E-2, Clause 10.1)
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Ion (Liquid Or Non Liquid)	IS-6925(Claue 05)
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content (Liquid Or Non-Liquid)	IS-9103(Annex E-1, Clause 10.1)
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value (Liquid)	IS-9103(Annex E-5, Clause 10.1)
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density (Liquid)	IS-9103(Annex E-3, Clause 10.1)
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Alumina	IS 4032 (Clause 4.6.2)
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Calcium Oxide	IS 4032 (Clause 4.7.2)
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Chloride	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Ferric Oxide	IS 4032 (Clause 4.5.2)
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Insoluble Residue	IS 4032 (Clause 4.10)
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Loss on Ignition	IS 4032 (Clause 4.2)
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Magnesium Oxide	IS 4032 (Clause 4.8.2 & 7.2.2)
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Silica	IS 4032 (Clause 4.3)
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Sulphuric Anhydride (SO3)	IS 4032 (Clause 4.9)
15	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Insoluble Residue	IS 4032 (Clause 4.10)
16	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Loss on Ignition	IS 4032 (Clause 4.2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Magnesium Oxide	IS 4032 (Clause 4.8.2 & 7.2.2)
18	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Sulphuric Anhydride (SO3)	IS 4032 (Clause 4.9)
19	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Alkali Aggregate Reactivity- Dissolved Silica	IS 2386 (Part-7, Clause 3.7)
20	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Alkali Aggregate Reactivity- Reduction in Alkalinity	IS 2386 (Part-7, Clause 3.9)
21	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Soundness- Magnesium Sulfate	IS 2386 (Part-5)
22	CHEMICAL- BUILDING MATERIAL	Fine Aggregates	Alkali Aggregate Reactivity- Dissolved Silica	IS 2386 (Part-7, Clause 3.7)
23	CHEMICAL- BUILDING MATERIAL	Fine Aggregates	Alkali Aggregate Reactivity-Reduction in Alkalinity	IS 2386 (Part-7 Clause 3.9)
24	CHEMICAL- BUILDING MATERIAL	Fine Aggregates	Soundness- Magnesium Sulfate	IS 2386 (Part-5)
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide	IS-1727(Claue 5.8)
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Combined Ferric Oxide And Alumina	IS-1727(Claue 5.5)
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss On Ignition	IS-1727(Claue 5.3)
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia	IS-1727(Claue 5.9)
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica	IS-1727(Claue 5.4)
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Soluble salts	IS-1727(Claue 5.11)

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32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride	IS-1727(Claue 5.10)
33	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture Content	IS 15388
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Iodine Value (By Wijs Method)	FSSAI Manual 01.095 (Page No.264 - 267)
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Moisture Content (By Gravimetric Method)	FSSAI Manual 01.080 (Page No.219-220)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Peroxide value Determined (By Iodometric Method)	FSSAI Manual 01.094 (Page No.261-263)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Polenske Value Determine (By Titration Method)	FSSAI Manual 01.090 (Page No.243 - 248)
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Reichert Meissl Value Determine (By Titration Method)	FSSAI Manual 01.078 (Page No.216- 217)
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Saponification value (By Titration Method)	FSSAI Manual 01.096 (Page No.268-270)
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid Insoluble Ash (By Gravimetric Method)	FSSAI Manual 2016 (Cereals & Pulses) Method 8.3
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic Acidity (By Titration Method)	IS 12711
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Carbohydrates (By Calculation Method)	USDA Agriculture Handbook No.74 Part-2 (Page No.10)
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten	FSSAI Manual 03.013 (Page No. 36-37)

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44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture Content (By Gravimetric Analysis)	FSSAI Manual 03.006 (Page No. 22-23)
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein (By Kjeldahl Method)	FSSAI Manual 03.017 (Page No.44-49)
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash (By Gravimetric Method)	FSSAI Manual 03.011 (Page No.32-33)
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acid Insoluble Ash (By Gravimetric Method)	IS 6287
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acidity of Extracted Ash (By Soxhlet Method)	IS 1011
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Carbohydrate (By Difference Method)	USDA Agriculture Handbook No.74 Part-2 (Page No.10)
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Energy (By Calculation Method)	USDA Agriculture Handbook No.74 (Page no.5)
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Fat (By Roese-Gottlieb Method)	IS 1011
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture (By Oven Drying Method)	IS 1011
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Protein (By Kjeldahl Method)	IS 7219
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total Ash (By Gravimetric Method)	IS 1011
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Acid Insoluble Ash (By Gravimetric Method)	FSSAI Manual 10.007 (Page No.20-21)

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56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Crude Fiber (By Soxhlet Method)	FSSAI Manual 10.014 (Page No.36-39)
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Moisture By (Dean and Stark Distillation Method)	FSSAI Manual 10.004 (Page No.10-14)
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Non Volatile Ether Extract (By Gravimetric Method)	FSSAI Manual 10.012 (Page No.30-31)
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) - powder and whole	Total Ash on Dry Basis (By Gravimetric Method)	FSSAI Manual 10.006 (Page No.17-19)
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Baudouin test for Ghee	FSSAI Manual 02.013 (Page No.34-35)
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Foreign Matter	FSSAI Manual 03.001 (Page No.8-10)
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Insect Damaged Grains	FSSAI Manual 03.003(Page No.13-15)
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Moisture	FSSAI Manual 03.006(Page No.22-23)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Refraction other than Foreign Matter	FSSAI Manual 03.003 (Page No.13-15)
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Acid Insoluble ash	IS 15271
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Acidity of extracted fat	IS 15271
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Ash	IS 15271

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Carbohydrate (By Calculation Method)	USDA Agriculture Handbook No.74 Part-2 (Page No.10)
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Energy/ Nutritional value	USDA Agriculture Handbook No.74 Part-1(Page No.5)
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Moisture	IS 15271
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks, Namkeens & Ready To Eat Products, Fried Chips	Protein	IS 7219
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Chromate (By Spectrophotometry Method)	FSSAI Manual 10.033 (Page No.77)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Curcumin Content (By Spectrophotometry)	FSSAI Manual 10.030 (Page No.69-70)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Turmeric Acid Insoluble Ash (By Gravimetric Method)	FSSAI Manual 10.007 (Page No.20-21)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value (By Titration Method)	FSSAI Manual 02.009 (Page No.21-23)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value (By Wijs Method)	FSSAI Manual 02.010 (Page No.24-27)
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture (By Air-Oven Method)	FSSAI Manual 02.001 (Page No.3)
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Peroxide Value (By Iodometric Titration Method)	FSSAI Manual 02.042 (Page No.91-92)
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value (By Titration Method)	FSSAI Manual 02.007 (Page No.16-17)

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80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Unsaponifiable Matter (By Titration Method)	FSSAI Manual 02.008 (Page No.18-20)
81	CHEMICAL- METALS & ALLOYS	Steel	Manganese (By Arsenite Method)	IS 228 (Part-2)
82	CHEMICAL- METALS & ALLOYS	Steel	Phosphorus (By Alkalimetric Method)	IS 228 (Part-3)
83	CHEMICAL- METALS & ALLOYS	Steel	Carbon (By Volumetric Method)	IS 228 (Part-1)
84	CHEMICAL- METALS & ALLOYS	Steel	Sulphur (By Evolution Method)	IS 228 (Part-9)
85	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 (Part-22)
86	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025 (Part-23)
87	CHEMICAL- WATER	Construction Water	Chloride Content	IS 3025 (Part-32 Clause 2)
88	CHEMICAL- WATER	Construction Water	Inorganic Matter	IS 3025 (Part-18)
89	CHEMICAL- WATER	Construction Water	Organic Matter	IS 3025 (Part-18)
90	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 (Part-11)
91	CHEMICAL- WATER	Construction Water	Sulphate Content	IS 3025 (Part-24/Sec-1)
92	CHEMICAL- WATER	Construction Water	Total Suspended Solid (TSS)	IS 3025 (Part-17)
93	CHEMICAL- WATER	Drinking Water	Acidity (By Indicator Method)	IS 3025 (Part-22)
94	CHEMICAL- WATER	Drinking Water	Aluminium (By Erichrome cyanine R method)	IS 3025 (Part-55)
95	CHEMICAL- WATER	Drinking Water	Barium	IS 15302
96	CHEMICAL- WATER	Drinking Water	Boron (By Titration method)	IS 3025 (Part-57)
97	CHEMICAL- WATER	Drinking Water	Calcium (By EDTA titrimetric method)	IS 3025 (Part-40)
98	CHEMICAL- WATER	Drinking Water	Chloride Content (By Argentometric Method)	IS 3025 (Part-32 Clause 2)

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99	CHEMICAL- WATER	Drinking Water	Colour (By Platinum cobalt (visual-comparison) method)	IS 3025 (Part-4)
100	CHEMICAL- WATER	Drinking Water	Copper (By Neocuproine method)	IS 3025 (Part-42)
101	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part-14)
102	CHEMICAL- WATER	Drinking Water	Fluoride (By Zirconium Ulizarin Method Without Distillation)	IS 3025 (Part-60)
103	CHEMICAL- WATER	Drinking Water	Iron As Fe (By 1,10 Phenanthroline Method)	IS 3025 (Part-53)
104	CHEMICAL- WATER	Drinking Water	Magnesium (By Volumetric method using EDTA)	IS 3025 (Part-46)
105	CHEMICAL- WATER	Drinking Water	Manganese (By Periodate Calorimetric Method)	IS 3025 (Part 59)
106	CHEMICAL- WATER	Drinking Water	Nitrate (By Ultraviolet Spectrophotometric screening method)	IS 3025 Part 34 (Sec 1) Cla.6-b
107	CHEMICAL- WATER	Drinking Water	Nitrite (By Spectrophotometric Method)	IS 3025 Part 34 (Sec 1) Cla.-7
108	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part-5)
109	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part-11)
110	CHEMICAL- WATER	Drinking Water	Phosphorus (By Stannous Chloride Method)	IS 3025 Part 31(Sec 1)
111	CHEMICAL- WATER	Drinking Water	Potassium as K (By Flame Emission Photometric Method)	IS 3025 (Part-45)
112	CHEMICAL- WATER	Drinking Water	Residual Chlorine (By Iodometric Method)	IS 3025 (Part-26)
113	CHEMICAL- WATER	Drinking Water	Sodium as Na (By Flame Photometric Method)	IS 3025 (Part-45)
114	CHEMICAL- WATER	Drinking Water	Sulphate Content	IS 3025 Part-24 (Sec-1)

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115	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
116	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part-23)
117	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid (TDS) (By Gravimetric Method)	IS 3025 (Part-16)
118	CHEMICAL- WATER	Drinking Water	Total hardness (By EDTA Method)	IS 3025 (Part-21)
119	CHEMICAL- WATER	Drinking Water	Turbidity (By Turbidimetric Method)	IS 3025 (Part-10)
120	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part-44)
121	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
122	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen Demand (DO)	IS 3025 (Part-38)
123	MECHANICAL-BUILDINGS MATERIALS	Aggregate	Stripping Value	IS 6241
124	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	% of voids	IS 2386 (Part-3)
125	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Bulk Density	IS 2386 (Part 3)
126	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Crushing Value	IS 2386 (Part-4)
127	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Elongation Index	IS 2386 (Part-1)
128	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Flakiness Index	IS 2386 (Part-1)

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129	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Impact Value	IS 2386 (Part-4)
130	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Los Angeles Abrasion Value	IS 2386 (Part-4)
131	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Sieve Analysis (4.75 to 80 mm)	IS 2386 (Part-1)
132	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Specific Gravity	IS 2386 (Part-3)
133	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Coarse)	Water Absorption	IS 2386 (Part-3)
134	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine Aggregate)	Silt Content	CPWD Specification Appendix 'C' (Clause: 3.1.3.2)
135	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine)	% of Voids	IS 2386 (Part-3)
136	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine)	Bulk Density	IS 2386 (Part 3)
137	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine)	Organic Impurities	IS 2386 (Part 2)
138	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine)	Sieve Analysis (10 to 0.075mm)	IS 2386 (Part-1)
139	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine)	Specific Gravity	IS 2386 (Part 3)
140	MECHANICAL-BUILDINGS MATERIALS	Aggregate (Fine)	Water Absorption	IS 2386 (Part 3)

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141	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Compressive Strength	IS 2185 : Part 3
142	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Water Absorption	IS 2185 (Part 4)
143	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Absolute Viscosity	IS 1206 (Part-2)
144	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Ductility	IS 1208 (Part-1)
145	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Fire point	IS 1209
146	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Flash point	IS 1209
147	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Kinematic Viscosity @135° C	IS 1206 (Part-3)
148	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Penetration	IS 1203
149	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Softening Point	IS 1205
150	MECHANICAL-BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Industrial Bitumen	Specific Gravity	IS 1202
151	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP 112
152	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Bulk Density	IS 17127

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153	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D6927
154	MECHANICAL-BUILDINGS MATERIALS	Bricks (Burnt Clay/ Fly Ash)	Compressive Strength	IS 3495 (Part-1)
155	MECHANICAL-BUILDINGS MATERIALS	Bricks (Burnt Clay/Fly Ash)	Efflorescence Test	IS 3495 (Part-3)
156	MECHANICAL-BUILDINGS MATERIALS	Bricks/ (Burnt Clay/ Fly Ash)	Water Absorption	IS 3495 (Part-2)
157	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Height.	IS 1077
158	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Length	IS 1077
159	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Width	IS 1077
160	MECHANICAL-BUILDINGS MATERIALS	Coarse & Fine Aggregate	Material Finer than 75 micron	IS 2386 : Part 1
161	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS 2386 (Part-2)
162	MECHANICAL-BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516
163	MECHANICAL-BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 Part 4
164	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 Part 1 Sec 1

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165	MECHANICAL-BUILDINGS MATERIALS	Curing Compound	Day Light Reflectance	ASTM E1347
166	MECHANICAL-BUILDINGS MATERIALS	Curing Compound	Drying Time	ASTM C309
167	MECHANICAL-BUILDINGS MATERIALS	Curing Compound	Non Volatile Content	ASTM D2369
168	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	% Voids	IS 2386 (Part-3)
169	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material	IS 2386 (Part-2)
170	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
171	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Drying Shrinkage	IS 1727
172	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Final Setting Time	IS 4031 (Part-5)
173	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Fineness by Blaine's Air Permeability	IS 1727
174	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Fineness By Sieving	IS 1727
175	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Initial Setting Time	IS 4031 (Part-5)
176	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Soundness by Le-Chateliers Method	IS 4031 (Part-3)

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177	MECHANICAL-BUILDINGS MATERIALS	Fuel Ash, Fly Ash, Pulverized Bottom Ash & Pond Ash	Specific Gravity	IS 1727
178	MECHANICAL-BUILDINGS MATERIALS	Microsilica	Oversize retain on 45 micron sieve	IS 15388
179	MECHANICAL-BUILDINGS MATERIALS	Microsilica	Specific Gravity	IS 15388
180	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Compressive Strength	IS 4031 (Part-6)
181	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Consistency	IS 4031 (Part-4):
182	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Density	IS 4031 (Part-11)
183	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Final Setting Time	IS 4031 (Part-5)
184	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Fineness by Blaine Air Permeability	IS 4031 (Part-2)
185	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Fineness by Dry Sieving	IS 4031 (Part-1)
186	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Initial Setting Time	IS 4031 (Part-5)
187	MECHANICAL-BUILDINGS MATERIALS	OPC/PPC/PSC/Composite	Soundness by Le - Chatelier	IS 4031 (Part-3)
188	MECHANICAL-BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658 Annex-D

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189	MECHANICAL-BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658 Annex-C
190	MECHANICAL-BUILDINGS MATERIALS	Reinforcement / Structural Steel	% Elongation	IS 1608 (Part-1)
191	MECHANICAL-BUILDINGS MATERIALS	Reinforcement / Structural Steel	Bend Test (30, 36, 40, 48, 50, 56, 60, 64, 72, 75, 80, 84, 96, 100, 112, 120, 125, 140, 150, 160, 175 mm)	IS- 1599
192	MECHANICAL-BUILDINGS MATERIALS	Reinforcement / Structural Steel	Ultimate Tensile Strength	IS 1608 (Part-1)
193	MECHANICAL-BUILDINGS MATERIALS	Reinforcement / Structural Steel	Weight per meter	IS 1786
194	MECHANICAL-BUILDINGS MATERIALS	Reinforcement / Structural Steel	Yield Stress	IS 1608 (Part-1)
195	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Rebend Test (30, 36, 40, 48, 50, 56, 60, 64, 72, 75, 80, 84, 96, 100, 112, 120, 125, 140, 150, 160, 175 mm)	IS- 1786
196	MECHANICAL- SOIL AND ROCKS	Rock	Density of Rock	IS 13030
197	MECHANICAL- SOIL AND ROCKS	Rock	Point Load Test	IS 8764
198	MECHANICAL- SOIL AND ROCKS	Rock	Uniaxial Compressive Strength of Rock	IS 9143
199	MECHANICAL- SOIL AND ROCKS	Rock	Water Content of rock	IS 13030
200	MECHANICAL- SOIL AND ROCKS	Soil	Wet Seive Analysis (Sieve 2mm, Sieve 425µ, Sieve 75µ)	IS 2720 (Part 4)

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201	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Light Compaction - Maximum Dry Density	IS 2720 Part-7
202	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Light Compaction - Optimum Moisture Content	IS 2720 Part-7
203	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Liquid Limit by Cone Penetrometer	IS 2720 Part-5
204	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Plastic Limit	IS 2720 Part-5
205	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Shrinkage Limit	IS 2720 Part-6
206	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Specific Gravity	IS 2720 Part-3
207	MECHANICAL- SOIL AND ROCKS	Soil / Murum	Unconfined Compressive Strength Test	IS 2720 (Part-10)
208	MECHANICAL- SOIL AND ROCKS	Soil/Murum	Swell Pressure Test	IS 2720 (Part 41)
209	MECHANICAL- SOIL AND ROCKS	Soil/Murum/Pulverized Fuel Ash/GSB/WMM	Water Content by Oven Drying Method	IS 2720 Part-2
210	MECHANICAL- SOIL AND ROCKS	Soil/Murum	Direct Shear Test - Angle of Internal Friction	IS 2720 (Part-13)
211	MECHANICAL- SOIL AND ROCKS	Soil/Murum	Direct Shear Test- Cohesion	IS 2720 (Part-13)
212	MECHANICAL- SOIL AND ROCKS	Soil/Murum/GSB/WMM	Grain Size Analysis 1. Above 4.75 mm 2. 4.75 mm to 0.075 mm (Wet and Dry Analysis)	IS 2720 Part-4
213	MECHANICAL- SOIL AND ROCKS	Soil/Murum/Pulverized Fuel Ash/GSB/WMM	California Bearing Ratio	IS 2720 Part-16
214	MECHANICAL- SOIL AND ROCKS	Soil/Murum/Pulverized Fuel Ash/GSB/WMM	Free Swell Index	IS 2720 Part-40
215	MECHANICAL- SOIL AND ROCKS	Soil/Murum/Pulverized Fuel Ash/GSB/WMM	Heavy Compaction - Maximum Dry Density	IS 2720 Part-8

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216	MECHANICAL- SOIL AND ROCKS	Soil/Murum/Pulverized Fuel Ash/GSB/WM	Heavy Compaction - Optimum Moisture Content	IS 2720 Part-8

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Site Testing				
1	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient air	Carbon Monoxide	IS-5182 (part 10)
2	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS 5182 (Part 2)
3	CHEMICAL-ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding vibration)	Noise level measurement	CPCB Protocol for Ambient level Noise Monitoring
4	CHEMICAL-ATMOSPHERIC POLLUTION	DG Noise/Work Room Noise/Fire Engine	Noise Level	CPCB Protocol for Ambient level Noise Monitoring
5	CHEMICAL-ATMOSPHERIC POLLUTION	DG Noise/Work Room Noise/Fire Engine	Noise Level	IS/ISO 8528 (Part 10)
6	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	IS 13270
7	CHEMICAL-ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	IS 13270
8	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Flue gas Temperature	IS 11255 (Part-3)
9	CHEMICAL-ATMOSPHERIC POLLUTION	Stack emission	Oxygen	IS 13270
10	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Blinder Content	IRC SP 112
11	MECHANICAL- SOIL- FIELD	Concrete pile	Compression test on Pile	IS 2911 (Part 4)

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Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-16519
Validity 01/08/2025 to 31/07/2029
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
12	MECHANICAL- SOIL- FIELD	Concrete Pile	Lateral Load Test	IS 2911 (Part 4)
13	MECHANICAL- SOIL- FIELD	Concrete Pile	Pull out Test	IS 2911 (Part 4)
14	MECHANICAL- SOIL- FIELD	Soil	Determination of dry density of soils, in-place, by the sand replacement method	IS 2720 (Part 28)
15	MECHANICAL- SOIL- FIELD	Soil	Standard Penetration Test	IS 2131
16	MECHANICAL- SOIL- FIELD	Soil	Determination of Dry Density of Soils In-place by the Core-cutter Method	IS 2720 (Part 29)
17	MECHANICAL- SOIL- FIELD	Soil	EV2 Static Plate Load Test	DIN 18134
18	MECHANICAL- SOIL- FIELD	Soil	Field Determination of California Bearing Ratio	IS 2720 : Part 31
19	MECHANICAL- SOIL- FIELD	Soil	Plate Load Test	IS 1888
20	MECHANICAL- SOIL- FIELD	Soil	Soil- Electrical Resistivity	IS 3043
21	MECHANICAL- SOIL- FIELD	Soil/Muroom/Pulverized Fuel Ash/GSB/WM	Dynamic Cone Penetrometer-CBR Value	IRC:72 Appendix C
22	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Pile Integrity Test	IS 14893
23	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Half Cell Potential Test (Corrosion Analysis)	ASTM C876

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24	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test (R Value Test)	IS 516 (part 5, Section - 4)
25	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Sec-1)
26	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure depth	Carbonation Test	IS 516 (Part-5/Sec3)
27	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC Structure	Cover Meter Test	BS 1881 (Part-204)

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