MSV ANALYTICAL LABORATORIES

C.M.C Ward No.18& C.T.C W.No.16 T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor) Sanganakallu Road, KEB Circle, Bellary-583103.

Phone No: 9449803895, 9945456764 and 8618171837

Land line No: 08392-255169

Email: msv.lab01@gmail.com , labmsv@gmail.com_msvalbellary@2018@gmail.com



Web ID:www.msvalbellary.com

About Us

We would like to introduce ourselves as the MSV Analytical Laboratories & MSV Services providing consultancy services like, Environmental Impact Assessment, Environmental Management Plan, Environmental Audit, Solid & Hazardous Waste Management and Environmental Monitoring.

MSV Analytical Laboratory:

Is an independent concern which is focused on execute the best results and highest quality in Environmental Monitoring, testing, Analysis and Assessment services to benefit both citizens and the natural environment on Earth.

MSV Analytical Laboratory is a customer oriented organization which is driven for the benefit the client and Protect the environment with healthy environmental solutions in the customer premises.

Accreditations and Certification

- NABL ISO/IEC 17025:2017Assessed and Accredited (TC-7207).
- ISO 9001: 2015 (Quality Management System)
- ISO 14001:2015 (Environmental Management System)
- ISO 45001:2018 (Occupational Health and Safety Management System)
- ISO 22000:2018 (Food Safety Management System)
- MOEF Recognized Laboratory

Vision

To become one of the leading Environmental Laboratories and transmit Environmental related activities and carry forward a healthy Environment to our future generations.

We value our employee's expectation and help them in booming their carrier in this profession.

Mission

To deliver consistent and efficient Quality Analytical results and field service to meet our esteemed customer's needs, also ensuring, satisfying career opportunities for our appreciated employees in their profession, through safe and healthy work environment and carry the vision at all time.

MSV Analytical Laboratories is also providing consultancy service like, environmental Impact assessment, Environmental management plan, environmental Audit, solid & hazardous waste management, also provide environmental services like maintenance of STP & ETPs. Liaising & Co-ordination with Pollution Control Boards, Ministry of Environment & Forests and Other Government Agencies. Health and Safetyaspects & has extending his vast

Our Services

- Microbiology analysis.
 - 1. Drinking Water
 - 2. Waste Water
 - 3. Sewage Treatment Water (STP)
 - 4. ETP Water
 - 5. CETP Water
 - 6. RO Water
 - 7. Food Analysis
 - 8. Air Analysis
 - 9. Swab Test Analysis.etc.
- Environmental Monitoring
 - 1. Ambient Air Quality Monitoring(CPCB/KSPCB NORMS)
 - 2. Stack Monitoring: CPCB/KSPCB NORMS)
 - 3. Noise Monitoring: CPCB/KSPCB NORMS)
 - 4. Indoor Air Quality monitoring
 - 5. Fugitive Monitoring
 - 6. Weather Monitoring
 - 7. Light Intensity
 - 8. Humidity and Temperature
 - 9. Work Zone Noise Level
 - 10. Flue Gas Analysis
 - 11. Solid Waste Quality Analysis
 - 12. Composite Municipal Waste Quality
 - 13. Environmental EC Clearance
 - 14. Environmental Audit Report(FormV)

- 15. CFE & CFO Renewals
- 16. EIA Report
- 17. STP, ETP, CETP/DM Water Plant Designing's
- 18. Work Zone Ambient Air Quality. Etc.

• Ores and Minerals Analysis

- 1. Iron Ores
- 2. Limestone & Dolomite
- 3. Manganese Ore
- 4. Quartzite & High Silica Sand
- 5. Dolachar
- 6. Coke & Coal Analysis
- 7. Boxite
- 8. Zypsm
- 9. Rock
- 10. Magnate

• Water &Waste Water Analysis

- 1. STP Water Analysis
- 2. ETP Water Analysis
- 3. CETP Water Analysis
- 4. DM plant Water Analysis
- 5. Canteen Water Analysis
- 6. Sea Water Analysis
- 7. Surface Water Analysis
- 8. Rain Water Analysis
- 9. Battery recycle Water Analysis
- 10. Swimming pool Water Analysis

• Package Drinking Water Analysis

• Drinking water (IS 10500STD) Analysis.

- 1. Packaged Drinking water
- 2. Ground Water
- 3. Bore well Water
- 4. RO Water

• Petroleum Products Analysis

- Lubricant Oil Analysis.
- Food & Agricultural products
 - 1. Biscuits, cakes, chips, wafers, pastry, brownie, muf in
 - 2. Ready to eat food products
 - 3. Atta, Maida, Suji, Rawa, corn flour, custard powder Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Milet
 - 4. Coffee (roasted, ground, Instant & Soluble Cof ee Powder)
 - 5. Coffee (roasted, ground, Instant & Soluble Coffee Powder
 - 6. Oil & Fat
 - 7. Maida (Wheat Flour)
 - 8. Fruit & Fruit products
 - 9. Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste
 - 10. Herbs, Spices & condiments
 - 11. Honey

Civil Laboratory (QA& QC) Activities

Soil	Fine Aggregate
	Fine Aggregate
 Grain Size/Sieve Analysis 	 Sieve analysis
Liquid limit and plastic limit	Water absorption
3. Specific Gravity	Specific gravity
Free Swell index of soil	4. Bulk density
5. Standards or modified compaction test	5. Moisture content
· ·	5. Moisture content
6. CBR (LAB/FIELD)	
7. SBC	
Coarse Aggregate	Brick
1. Sieve analysis	1. Dimension Analysis
Flakiness and elongation index	Water Absorption
Water absorption	3. Density
4. Crushing value	Compressive strength
Impact value	Efflorescence test
Specific gravity	
7. Bulk density	
8. Moisture content	
	D'
Paver Blocks	Bitumen
Dimension Analysis	 physical properties
Water Absorption	Binder content
Compressive strength	3. Penetration
o. compressive arrangen	Softening point
	5. Flash and fire point
	6. Ductility
	Specific gravity viscosity
	8. Marshal Stysbility
Concrete Core	
Concrete Core	Concrete mix design
Concrete Core 1. Extraction of core and testing	
Extraction of core and testing	Concrete mix design 1. Mix designs
Extraction of core and testing Concrete Cubes	Concrete mix design 1. Mix designs Reinforcement
Extraction of core and testing	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties
Extraction of core and testing Concrete Cubes	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test
Extraction of core and testing Concrete Cubes	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties
Extraction of core and testing Concrete Cubes	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test
Extraction of core and testing Concrete Cubes	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test
Extraction of core and testing Concrete Cubes 1. Compressive strength	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis
Extraction of core and testing Concrete Cubes 1. Compressive strength WMM	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT
Extraction of core and testing Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test
Concrete Cubes Compressive strength WMM Grain size/Sieve analysis Water absorption	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity
1. Extraction of core and testing Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test
Concrete Cubes Compressive strength WMM Grain size/Sieve analysis Water absorption	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity
1. Extraction of core and testing Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity
1. Extraction of core and testing Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength
1. Extraction of core and testing Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis 2. liquid limit and plastic limit	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23 2. OPC 33
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis 2. liquid limit and plastic limit	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23 2. OPC 33
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis 2. liquid limit and plastic limit 3. Water Absorption 4. OMC and MDD	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23 2. OPC 33 3. OPC 43 4. OPC 53
Concrete Cubes 1. Compressive strength 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis 2. liquid limit and plastic limit 3. Water Absorption 4. OMC and MDD 5. CBR	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23 2. OPC 33 3. OPC 43
Concrete Cubes 1. Compressive strength WMM 1. Grain size/Sieve analysis 2. Water absorption 3. Impact value 4. Moisture content 5. Flakiness and elongation index 6. WMM MIX Design GSB 1. Grain size/Sieve analysis 2. liquid limit and plastic limit 3. Water Absorption 4. OMC and MDD	Concrete mix design 1. Mix designs Reinforcement 1. Physical properties 2. Tensile test 3. Weight per meter 4. Bend and re-bend test 5. Chemical analysis NDT 1. Re-bar test 2. Ultra sonic pulse velocity 3. Compressive strength Cement Analysis 1. OPC 23 2. OPC 33 3. OPC 43 4. OPC 53

MSV Analytical Electrical Services:

Electrical Services:

- 1. Panel Maintenance_ LT Panel, Power Factor panel, AMF panel, PLC RIO & Control Panel
- 2. Earthing Pit Installation & Maintenance
- 3. LT Circuit Breaker
- 4. Power & Signal Cable Laying, Termination and Testing
- 5. Lighting & Control system_ Industries, Building Interior & Exterior, Parking Area
- 6. Equipment Maintenance_ LT Motor and Its JB
- 7. Complete Handling and overhauling of ABB make Air Circuit Breakers
- 8. Complete Handling and overhauling of ABB make Moulded Case circuit breakers, Switch fuse units & low voltage breakers, switches. Complete Handling and overhauling of ABB make Control products(Contractors, LPD's etc)
- 9. Retrofitting of ACB;'S MCCB's. SFU's etc. (Installation and Commissioning)
- 10. Servicing and testing of LV switchgear & control product (i.e. Maintenance & Repair)
- 11. Annual Maintenance contracts for ABB make Switchgear and also for control products.
- 12. Providing complete solution against ABB make Switchgear & LV Control Gear.

Instruments & Automation Engineering Services:

- 1. Panel Maintenance_ RIO panel, IJB & Network panel
- 2. Installation & Service_ All type of Isolation & Control Valves And Measuring Instruments
- 3. Measuring Instruments installation & Service

AMC Service:

- 1. We will adopt the TQM Concept on Maintenance
- 2. Maintenance will be carry as per the schedule
- 3. Equipment safety measures will be check as per IEEE standards
- 4. History card will be provide for individual Equipment

Team:

- Electrical Experience Engineers
- Experience Technicians
- Experts available for Circuit design and modification

MSV Services:

Chemicals

- 1. Alum Powder
- 2. Lime
- 3. Caustic Soda
- 4. Poly Aluminum Chloride
- 5. Hydrochloric Acid(HCL)
- 6. Poly Electrolyte Cation
- 7. Poly Electrolyte Anion
- 8. D-Foamer
- 9. Bleaching Powder
- 10. Acid Slurry
- 11. HCL
- 12. Hydrogen peroxide
- 13. Washing soda
- 14. PH Booster
- 15. Sodium meta bi sulphate

Management Team

Mr.Chinnalingana Gouda B

Chief Executive Officer:

M.Sc Post graduate in chemistry, Diploma in industrial Safety, having more than 13 years of experience in Laboratory analysis & Environmental Consultancy. An independent Promoter and founder of MSV Groups started in the year 2007 with MSV Enviro Solutions and extended its operation in to laboratories service in the name of MSV analytical Laboratories which is started in the year 2010.

Mrs. Shobha Nagaraj B:

Finance and Marketing head: Post graduate in MBA has extensive experience in finance and Marketing Management aspects and currently she is operating as Marketing & Admin head for MSV Analytical Laboratory.

Staff List:

Mr.Rajshekhar:

Administrator: Working as a manager and having more than 17 years of experience in administrative field.

Mrs.Renukamma:

Quality Manager: M.Sc Post graduate in industrial chemistry, having more than seven years experience as chemist.

Mr.Mahammad Rafi:

Deputy Quality manager: M.Sc Post graduate in chemistry having experience of totally 10 Years in Ores- Minerals & Solid Fuels analysis.

Mr.Hanumanthaiah P:

Technical Manager: M.Sc Post graduate in Analytical Chemistry having more than 13 years experience as chemist.

Mrs.Eshwari:

Microbiologist: M.Sc Post graduate in Microbiology having more than 6 years experience as microbiologist.

Mr.Giribabu:

Technical Manager: B.Tech (Civil engineering), MCA having more than 13 year experience in construction civil (QA & QC)laboratory.

Mr.Kotrayya Swamy:

Accounts Manager: M.Com in accounts having more than 6 years experience in Accounts Department

Ms.Jyothi:

Managing Operations: B.Com having more than 6 years experience as a managing the operations & coordinates with the customers and is responsible for allocating the samples to the department wise and ensuring the test reports reaches the customer in time.

Mr.Nagaraj K:

Senior Field Supervisor: A PUC Candidate having experience of 7 years as field technician in Environmental monitoring.

We have well equipped, Laboratory for analyzing all types of parameters with experienced staff.

The Major Customers list to whom we provide services

- Rail Wheel Factory(RWF)
- RBSSN ,Hospet.
- SLR Metallics Ltd.
- Raichur thermal power plant, Raichur
- Laila Sugars
- Pragathi Steels Pvt Ltd, Hospet
- JSW, Bellay
- Rangineni Steels Pvt Ltd
- YTPS,Raichur
- Corvine Chemicals, Bidar
- KSPCB, Karnataka.
- Hindustan Calcined metals, Bellary.
- Azakem labs,Bidar
- Shilpa Medicare Ltd.
- Suryakala Laboratories, Bidar.
- Larson & Turbo (L&T).
- Allum Prashanth
- APIIC
- Vijaynagar Sugars
- HPCL,Belur

QUALITY POLICY & OBJECTIVES

MSV Analytical Laboratories is committed to good professional practices and to provide reliable, repeatable, accurate and traceable results by ensuring use of internationally recognized test methods, competent manpower and impartiality to achieve customer satisfaction. Laboratory complies with ISO/IEC: 17025:2017 and continually improve the effectiveness of the management system. Laboratory ensures that all the personnel are familiar with the quality documentation and implement the same in their work.

QUALITY OBJECTIVES:

In pursuance of the above Quality Policy the following Quality Objectives have been established:

- * To achieve customer satisfaction by minimizing complaints
- ❖ To continually improve the effectiveness of the management system
- ❖ To provide authentic test results

F.No. Q-15018/8/2015-CPW (Vol.II)

Government of India

Ministry of Environment, Forest and Climate Change
(CP Division)

Prithvi-324, Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi – 110 003.

Dated, the 11th October, 2017

To

M/s MSV Analytical Laboratories, C.M.C. Ward No. 18 & C.T.C. W. No. 16, T.S. No. 695/A/32/B1, Block No. 19 (1st & 2nd Floor), Sanganakallu Road, KEB Circle, Bellary – 583103, Karnataka

Subject: Application for Recognition of M/s MSV Analytical Laboratories, C.M.C. Ward No. 18 & C.T.C. W. No. 16, T.S. No. 695/A/32/B1, Block No. 19 (1st & 2nd Floor), Sanganakallu, Road, KEB Circle, Bellary – 583103, Karnataka as Environmental Laboratory under the Environment (Protection) Act, 1986 – regarding.

Sir.

I am directed to refer to your application submitted vide letter No. MSVAL/05/2016-17 dated 10th May, 2016 for recognition of your laboratory under Environment (Protection) Act, 1986. Based on the recommendations of the Expert Committee for Recognition of Environmental Laboratories in its 50th meeting held on 07.06.2017 and 16.06.2017 and your acceptance of the revised terms and conditions at Annexure-III & IV of the Guidelines for recognition of Environmental Laboratories, this Ministry approves the recognition of M/s MSV Analytical Laboratories, C.M.C. Ward No. 18 & C.T.C. W. No. 16, T.S. No. 695/A/32/B1, Block No. 19 (1st & 2nd Floor), Sanganakallu Road, KEB Circle, Bellary – 583103, Karnataka for five years, as shall be notified in the Gazette of India.

- 2. As sought in your aforementioned application, M/s MSV Analytical Laboratories may undertake the following tests:
 - Physical Tests: Conductivity, Colour, pH, Fixed & volatile solids, Total solids, Total dissolved solids, Total suspended solids, Turbidity, Temperature, Velocity & discharge measurement of industrial effluent stream, Odour, Salinity, Settleable solids and Sludge Volume Index (SVI)
 - ii. Inorganic (General & Non-metallic): Acidity, Alkalinity, Ammonical nitrogen, Chloride, Chlorine residual, Dissolved oxygen, Fluoride, Total hardness, Total kjehldal nitrogen (TKN), Nitrite nitrogen, Nitrate nitrogen, Phosphate, Sulphate, Sulphite, Silica, and Sulphide
 - Inorganic (Trace metals): Boron, Cadmium, Calcium, Chromium Total, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium absorption ratio, Zinc, Arsenic, Aluminium, Manganese, Selenium.
 - iv. Organics (General) and Trace Organics: Bio-chemical oxygen demand (BOD). Chemical oxygen demand (COD), Oil & grease, Phenol, Pesticide (Organo-chlorine, Organo nitrogen-phosphorous). Polynuclear aromatic hydrocarbons (PAH), Organic carbon (in solid) and Carbon/Nitrogen ratio
 - v. Microbiological: Total coliform, Faecal coliform, Faecal streptococci, E.coli, Total plate count
 - vi. Toxicological: Bioassay method for evaluation of toxicity using fish, and Measurement of toxicity factor using zebra fish
 - vii. Biological: Benthic organism identification and count, Macrophytic identification, Planktonic identification count, Measurements of various diversity index, and P/R ratio

- viii. Soil/ Sludge/ Sediment and Solid Waste: Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen available, Organic carbon/ matter (chemical method), pH, Phosphorous (available), Phosphate (ortho), Phosphate (total), Potassium, SAR in soil extract, Sodium, Soil moisture, TKN, Calorific value, Bicarbonate, Calcium, Calcium carbonate, Chloride, Colour, Magnesium, Nitrate, Nitrite, Total water soluble salt and Water holding capacity
- Ambient Air/ Fugitive Emissions: Nitrogen dioxide (NO₂), Sulphur dioxide (SO₂), Total suspended particulate matter, Respirable suspended particulate matter (PM₁₀), Ammonia, Fluoride, Lead, Ozone, PM₂;
- x. Stack Gases/ Source Emission: Particulate matter, Sulphur dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of nitrogen, Acid mist, Ammonia, Fluoride (particulate), Fluoride (gaseous), Carbon disulphide
- xi. Noise Level: Noise level measurement (20 to 140 dba) and Ambient noise & source specific noise
- xii. Meteorological: Ambient temperature, Wind direction, Wind speed, Relative Humidity, Solar radiation and Rain fall
- 3. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) exercise conducted by the Central Pollution Control Board (CPCB) at least once a year to ascertain the capability of the laboratory and analyses carried out and shall submit quarterly progress reports to this Ministry.
- Periodic surveillance of the recognized environmental laboratory will be undertaken by this Ministry/ CPCB to assess its proper functioning, systematic operation and reliability of data generated at the laboratory.
- 5. It is also mandatory for the laboratory to have requisite accreditations of the NABL/ ISO 9001 and OHSAS and its renewal as per accreditation rules. Permission in para 2 above is subject to such accreditations and renewal, as applicable.
- 6. The laboratory should compulsorily follow the accepted Terms & Conditions. In case of serious non-compliance of any of the Terms and Conditions, the laboratory may be black-listed for a minimum period of two years and civil/ criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.

Yours faithfully.

sm George K.)

Scientist 'D' Tel. No. 011-24695439

Email: susan.george@nic.in

Copy to:

- Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032.
- Member Secretary, Karnataka State Pollution Control Board "Parisara Bhavan", #49, 4th & 5th Floor, Church Street, Bangalore-560001
- Additional Principal Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore – 560034
- IT Division, MoEF&CC, New Delhi 110003: for uploading on MoEF&CC website





National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

MSV ANALYTICAL LABORATORIES

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

C.M.C. WARD NO. 18 & C.T.C. W. NO. 16, T.S. NO. 695/A/32/B1, BLOCK NO. 19 (1ST AND 2ND FLOOR), SANGANAKALLU ROAD, KEB CIRCLE, BELLARY, KARNATAKA, INDIA

in the field of

TESTING

Certificate Number:

TC-7207

Issue Date:

18/01/2021

Valid Until:

17/01/2023

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 Identity: MSV ANALYTICAL LABORATORIES

Signed for and on behalf of NABL



N. Venkateswaran Chief Executive Officer



This is to certify that

MSV ANALYTICAL LABORATORIES

SRI LAKSHMI VENKATESHWARA KRUPE, C.M.C.WARD NO.18& C.T.C W NO.16,T.S.NO.695/A/32/BL/BLOCK NO.19(1ST & 2ND FLOOR)SANGANAKALLU ROAD, KEB CIRCLE, BALLARI-583103, KARNATAKA, INDIA

has been independently assessed by QRO

and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

TESTING CHEMICAL DISCIPLINE: RESIDUES IN WATER, WATER, POLLUTION & ENVIRONMENT, ATMOSPHERIC POLLUTION, NOISE, ILLUMINATION, ORES & MINERALS, FOOD & AGRICULTURAL PRODUCTS, SOIL AND ROCK, SOLID FUELS, BUILDING MATERIAL, MECHANICAL DISCIPLINE, ELECTRICAL DISCIPLINE, INSULATING MATERIALS, INSULATORS & TRANSFORMER OIL

TESTING BIOLOGICAL DISCIPLINE:FOOD AND AGRICULTURAL PRODUCTS, WATER, POLLUTION & ENVIRONMENT.

Date of Certification: 10th December 2022 1st Surveillance Audit Due: 9th December 2023 2nd Surveillance Audit Due: 9th December 2024 Certificate Expiry: 9th December 2025

Certificate Number: 305022121022Q









Validity of this certificate is subject to unusual surveillance audits to be done successfully on or before 365 days from date of the mudit.

(In case, surveillance audit is not allowed to be conducted) this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at www.qrocert.org.

This pertificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

India Office : QRO Certification LLP

Ind Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi 110065, (INDIA)
 Website: www.qooert.org, E-mail: info@qmoert.org



This is to certify that

MSV ANALYTICAL LABORATORIES

SRI LAKSHMI VENKATESHWARA KRUPE, C.M.C.WARD NO.18& C.T.C W NO.16;T.S.NO.695/A/32/BL/BLOCK NO.19(1ST & 2ND FLOOR)SANGANAKALLU ROAD, KEB CIRCLE, BALLARI-583103, KARNATAKA, INDIA

> has been independently assessed by QRO and is compliant with the requirement of:

> > ISO 45001:2018

Occupational Health and Safety Management System

For the following scope of activities:

TESTING CHEMICAL DISCIPLINE:RESIDUES IN WATER, WATER, POLLUTION & ENVIRONMENT, ATMOSPHERIC POLLUTION, NOISE, ILLUMINATION, ORES & MINERALS, FOOD & AGRICULTURAL PRODUCTS, SOIL AND ROCK, SOLID FUELS, BUILDING MATERIAL, MECHANICAL DISCIPLINE, ELECTRICAL DISCIPLINE, INSULATING MATERIALS, INSULATING S & TRANSFORMER OIL

TESTING BIOLOGICAL DISCIPLINE:FOOD AND AGRICULTURAL PRODUCTS, WATER, POLLUTION & ENVIRONMENT.

Date of Certification: 10th December 2022 1st Surveillance Audit Due: 9th December 2023 2nd Surveillance Audit Due: 9th December 2024 Certificate Expiry: 9th December 2025

Certificate Number: 305022121024HS









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This is to certify that

MSV ANALYTICAL LABORATORIES

SRI LAKSHMI VENKATESHWARA KRUPE, C.M.C.WARD NO.18& C.T.C W NO.16,T.S.NO.695/A/32/BL/BLOCK NO.19(1ST & 2ND FLOOR)SANGANAKALLU ROAD, KEB CIRCLE, BALLARI-583103, KARNATAKA, INDIA

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ISO 14001:2015

Environmental Management System

For the following scope of activities:

TESTING CHEMICAL DISCIPLINE: RESIDUES IN WATER, WATER, POLLUTION & ENVIRONMENT, ATMOSPHERIC POLLUTION, NOISE, ILLUMINATION, ORES & MINERALS, FOOD & AGRICULTURAL PRODUCTS, SOIL AND ROCK, SOLID FUELS, BUILDING MATERIAL, MECHANICAL DISCIPLINE, ELECTRICAL DISCIPLINE, INSULATING MATERIALS, INSULATORS & TRANSFORMER OIL

TESTING BIOLOGICAL DISCIPLINE:FOOD AND AGRICULTURAL PRODUCTS, WATER, POLLUTION & ENVIRONMENT.

Date of Certification: 10th December 2022 1* Surveillance Audit Due: 9th December 2023 2nd Surveillance Audit Due: 9th December 2024 Certificate Expiry: 9th December 2025

Certificate Number: 305022121023E









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This is to certify that the Food safety management systems

MSV ANALYTICAL LABORATORIES

at

SRI LAKSHMI VENKATESHWARA KRUPE, C.M.C.WARD NO.18& C.T.C W
NO.16,T.S.NO.695/A/32/B1,BLOCK NO.19(1ST & 2ND FLOOR)SANGANAKALLU ROAD,
KEB CIRCLE, BALLARI-583103, KARNATAKA, INDIA

has been independently assessed and is compliant with the requirements of:

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