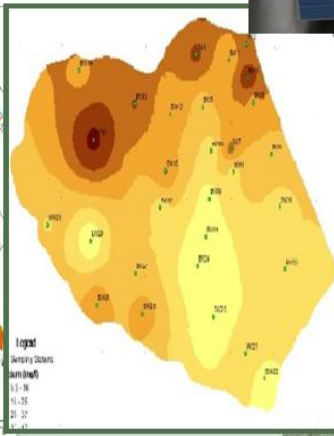
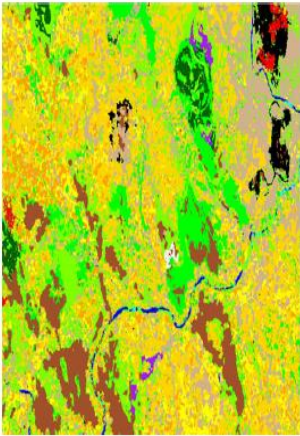


# Environment Management and Engineering Division



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IS/ISO 9001:2008 Certified  
**MITCON**  
CONSULTANCY & ENGINEERING  
SERVICES LTD.

### **About EME division**

Environmental Management and Engineering Division (EME) is one of the key division of MITCON and has carved out a niche for itself in offering expert consultancy and laboratory services for various matrix in the field of environmental management through state of the art infrastructure and dynamic team of professionals.

The EME Division provides services such as Environmental Impact Assessment (EIA), Social Impact Assessment (SIA), Ecology and Biodiversity city, GIS mapping and analysis, DPR for solid waste management, design, operation & maintenance of effluent / sewage treatment plant (ETP/STP), illumination survey, ventilation survey, vibration survey, calorific value estimation and environmental monitoring for air, water noise and soil etc. Environmental Laboratory is recognized by Ministry of Environment and Forests, Govt. of India, New Delhi, under Environment Protection Act, 1986.

Some of our Credentials of EME divisions are –

- State-of-the-art Environment Laboratory with experienced and trained manpower.
- Recognition by Ministry of Environment and Forest (MoEF), Government of India and OHSAS 18001/2007.
- Accredited by QCI-NABET as an EIA consultant for the following sectors
  - River linking & irrigation projects only
  - Thermal power plant
  - Metallurgical industries (ferrous only)
  - Pulp and paper industries excluding paper from ready pulp without bleaching
  - Sugar industry
  - Ports, harbors, jetties, marine terminals, break water and dredging
  - Highways, railways, transport terminals, mass rapid transport systems
  - Townships and area development projects
- We are recommended as Technical Consultant by Directorate of Municipal Administration, Govt. of Maharashtra, Mumbai, for preparation of Detailed Project Reports (DPR) on Municipal Solid Waste Management for the Municipal Councils in Maharashtra.

## **Services Offered:**

### **Consultancy Services**

1. Environmental Impact Assessment
  - Field Study, Primary & Secondary Data Collection
  - Preparation of Rapid Environmental Impact Assessment Report
  - Securing Clearance from competent authorities
  - EIA'S based on World Bank guidelines/Equator principle/ADB guidelines
2. Environmental Audit / Status Report
  - Field study
  - Preparation of Report
3. Consent
  - Preparation and submission of application for Consent to Establish / Consent to Operate
  - Follow-up with the State Pollution Control Board and securing Consent to Establish / Consent to Operate
4. Municipal Solid Waste Management / Hazardous Waste Management Technical Services
  - Field survey and data collection
  - Preparation of techno commercial feasibility report on WTE/ integrated MSW project
  - Preparation of Detailed Project Report (DPR)
  - MSW tender evaluation and preparation.
  - MSW & Hz. Landfill engineering design costing.
  - Project management consultancy services for MSW projects
5. Water Supply & Sanitation
  - Water Treatment and Distribution System Survey, Design Sewerage System Survey & Treatment Plant Design

- Preparation of Detailed Project Report (DPR), bankable Documents
6. Small Turnkey Projects/ Technical Appraisal
    - Biogas design and installation
    - Sewage Treatment Plant
    - Effluent Treatment Plant
    - Zero Discharge Effluent Projects for Distillery
  7. GIS and Remote Sensing
    - Preparation of various maps/layers
    - Land use/ land cover study
    - GPS survey
    - GIS based analysis
    - Modeling

### **Laboratory Services**

(Environmental Laboratory is recognized by Ministry of Environment & Forests, Govt. of India, New Delhi, under Environment Protection Act)

#### 1. Analytical Services

Water, wastewater, hazardous waste analysis, soil, oil, calorific value determination

#### 2. Monitoring Services

- Ambient Air Quality, Work-zone Air Quality Monitoring
- Source Emission, Fugitive Emission Monitoring
- Efficiency Assessment of Air Pollution Control Equipment
- Noise Level Monitoring
- Illumination and ventilation Survey
- Vibration survey

#### 3. Operation & Maintenance Services

- ETP, CETP and STP

- DM Plant
- RO Plant

Heart of Laboratory is equipment's are enlisted below-

Anemometer	Flash Point Apparatus	Photometer PF
CO Meter	Gas Chromatograph	Flame Photometer
Flow Meter	Atomic Absorption Spectrophotometer	Nephelo Turbidity Meter
Lux Meter	Pathological Microscope	Stack Monitoring Kit
Noise Meter	UV VIS Spectrophotometer	Fine Dust Sampler
Rotavap	Handy Samplers	Bomb Calorimeter
Salinometer	High Volume Sampler	Ozone Analyser
TDS Meter	Spectrophotometer	Flu Gas Analyser
Viscometer	Karlfischer Apparatus	Analytical Balance
Windvane	Lab line Microscope	Bioassay Tank

EME division of MITCON served to various sectors like GIS &RS, solid waste, infrastructure, power, sugar, engineering, chemical, real estate etc. Our few key clients for various sectors are listed below.

Belgaum Cantonment Board, Belgaum, Karnataka	Maharashtra Pollution Control Board, Mumbai, MH
Bharat Forge, Pune, MH	Mahindra & Mahindra, Baramati, MH
Bhima Irrigation Division, Pandharpur, MH	Mesco Magic Cement Ltd. Rewa, MP
Blyth Wind Park Pvt. Ltd., Bangalore, Karnataka	Narmada Valley Development Authority, Bhopal, MP
Chhattisgarh State Electricity Board, Raipur, Chhattisgarh	Piaggio vehicle Pvt. Ltd. Baramati, MH
City Corporation Ltd., Pune, MH	Pimpri-Chinchwad Municipal Corporation, Pimpri-Pune, MH
Director of Local Bodies Rajasthan, Jaipur	Praj Industries Ltd., Pune, MH



Essel Infra projects Ltd., Mumbai, MH	Pune Irrigation Division, Pune, MH
Gangakhed Sugar Energy Ltd, Gangakhed, MH	Pune Municipal Corporation, Pune, MH
Godrej and Boyee Mfg Co. Ltd. Satara, MH	Purna Medium Project Division, Achalpur, MH
Hindustan Petroleum Corporation Ltd. MH	Schreiber Dynamix Dairies Ltd., Baramati, MH
ITC Ltd., Ranjangaon, MIDC, Pune, MH	Shree Minerals, Bhandara, MH
Kolte Patil Developers, Pune, MH	Sona Alloys Pvt. Ltd. Lonand, MH
Kumar Builders Township Ventures Pvt. Ltd., Pune, MH	Taloja CETP Co-operative Society, Ltd., Taloja, MH
Larsen and Toubro Ltd. MH	The Tata Power Company Ltd., Ranchi, Jharkhand
M/s Hanjer Biotech Energies Pvt. Ltd, Mumbai, MH	UPM India Pvt. Ltd., Bharuch, Gujarat
M/s Kivar Urban Infra Pvt. Ltd , Bangalore, Karnataka	Vasvadatta Cement, Sedam, Karnataka
MAHAGENCO, Nashik, MH	Vitthal Sahakari Sugar Factory, Pandharpur, MH
Maharashtra Industrial Development Corporation, Mumbai, MH	WIPRO Technologies Ltd., Hinjewadi, Pune, MH

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<p>Head Office : MITCON Consultancy and Engineering Services Ltd., 1st Floor, Kubera Chambers, Shivaji Nagar, Pune - 411 005 Tel. +91-20-66289101</p>	<p>Division Office: MITCON Consultancy and Engineering Services Ltd., Environment Management and Engineering Division MITCON Udyog Prabodhini, 1st Floor, Agriculture College Campus, Next to DIC, Shivaji Nagar Tel. +91-20-66289400-500</p>