MECON LIMITED
(A Govt. of India Enterprise)
A House of Engineering Excellence..... Aiming Beyond.....

Engineering & EPC Solutions
Starting as a small bureau of a handful of young but extremely talented and energetic engineers in 1959, MECON Limited today is India’s frontline engineering consultancy and contracting organization, offering a full range of services required for setting-up of Project from concept to Commissioning including Turnkey Execution. With a manpower of 1141 experienced & dedicated engineers, scientists and technologists, having a network of offices spread all over the country and experienced in handling consultancy assignments and EPC Projects, MECON a Mini Ratna Company is one of the biggest Consultancy & Contracting organization in the world. With a credit of successfully completing over 3500 consultancy and EPC assignments covering a wide range of field and services, MECON is an ISO 9001:2008 company and has technological tie-ups with leading International organizations.

Our Vision
"Developing into an internationally recognized centre of excellence for providing, quality services in technical consultancy, design & engineering, design & supply of plant, equipment & systems, project implementation from Concept to Commissioning for industrial development and upgradation ventures, development of infrastructure and other service sectors."

Strategic Business Units

<table>
<thead>
<tr>
<th>METAL</th>
<th>POWER</th>
<th>OIL &amp; GAS</th>
<th>INFRASTRUCTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Metal]</td>
<td>![Power]</td>
<td>![Oil &amp; Gas]</td>
<td>![Infrastructure]</td>
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</tbody>
</table>
Range of Services

- Planning, Analysis and Feasibility Reports
- Market survey, Site Selection
- Basic & Project Engineering
- Procurement and Contract Engineering
- Inspection & Expediting
- Construction Management
- Project Monitoring & Control
- EIA/EMP Reports
- Environmental Management System ISO:14000
- Clean Development Mechanism
- ISO 9001:2000 Quality System Implementation
- Software Design & Development
- Health Studies & Asset Valuation
- Restructuring & Turnaround Strategy
- Residual Life Assessment (RLA)
- Plant Relocation & Commissioning Services
- Engineering & Project Management on Total Responsibility Basis
- Design & Supply of Equipment & Systems
- EPC/Turnkey Execution of Project

Equipment / System Design Supply

- Blast Furnace
- Coke Ovens
- Gas Cleaning Plant
- Basic Oxygen Furnace
- Continuous Casting Plant
- Reheating Furnaces
- Chemical & Petro-chemicals Plant
- Oil Refining, Storage & Distribution System
- Power Plants
- Hot & Cold Rollings Mills
- Processing lines including Galvanizing lines
- Material Handling Systems
- Ports & Harbour
- Satellite / Rocket Launch Pad
- Gas Storage & Distribution System
- Air-conditioning & Ventilation System
- Sewage & Effluent Treatment Plant
- Pollution Control System
MECON is providing its services to the Metal sector within India from its very inception. MECON has provided engineering and consultancy services to almost all the major Steel plants of India. Be it designing a Rolling Mill or be it installing a Blast Furnace on turnkey basis, MECON is an expert in providing all kind of engineering services related to metal industry, MECON is one of the few organization worldwide having its own design for coke oven batteries. It has already constructed state-of-the-art 4.5 to 7.0 meter tall coke oven batteries for the steel plants and is the only organization in India capable of erecting high capacity coke dry cooling plants. Not only in steel, MECON has rendered its services to entire Metal industry.

Services Offered
- Iron Making
- Steel Making
- Rolling Mills
- Non-Ferrous
- By-products & Chemicals
- Raw Materials and Mining
- Beach sand Mining & Minerals Beneficiation
- Refractory
- Research & Development
MECON has contributed significantly to the development of the POWER sector in India. MECON is one of India's best equipped organizations for rendering Engineering, Consultancy & Project Management Services from Concept to Commissioning for captive as well as Utility Power Plant. With a combined force of 70 technologist comprising of Mechanical, Electrical, and Control & Instrumentation engineers supported by around 200 engineers from other discipline like Civil Engineering, Structural Engineering, Coal Handling, Water Supply & Treatment facility, Industrial Safety, Techno-economics, Environmental Engineering, Project & Construction Management, Inspection Services etc. MECON is capable of providing engineering & consultancy services for power projects of any type, size and technology.

**Services Offered**

**Thermal**
- Conventional Power Plant
- Combined Cycle / Integrated Gasified Combined Cycle Power Plant
- DG Stations based Power Plant
- Waste Heat Recover Power Plant

**Non Conventional Power Plant**
- Biomass based Power Plant
- Solar Energy based Power Plant

**Hydel Power Plant**
- Large / medium Hydro electric projects (Storages based and Rain of River scheme)
- Micro, Mini & small Hydro Electric Power Plants (Canal Drop and Hill based schemes)

**RMU of Thermal as well as Hydel Power Plants**
- Conducting RLA
- Preparation of Condition Assessment Report
- Implementation of R&M Scheme
MECON’s experience in chemical and petrochemical engineering evolved from its long association with steel plants, where it was involved in cooled ovens and chemicals by products recovery plants. With diversification into the oil & gas sector MECON has established strong credentials having executed a number of projects for clients like GAIL, ONGC, IOCL, BPCL, HPCL, MRPL, IBP, GSPL, GEECL, IGEL, GGL, TNGCL, AGL, IOL, IPCL, FEL, etc.

Services Offered

- Refineries & petrochemicals
- Long distance Oil & Gas Pipelines
- POL Terminals
- Coal Bed Methane projects
- CNG & City Gas Distribution Networks
- Group gathering stations
- In-situ combustion plants
- LPG bottling plants
INFRASTRUCTURE

A strong infrastructure is a necessity for development of the Nation. MECON has a Strategic Business Unit dedicated to the infrastructural development of the country. With experienced Engineers and Technologists from various fields, MECON is contributing significantly towards Nation Building.

The 2nd Launch Pad of Satish Dhawan Space Centre at Shriharikota, which has been built by MECON from Concept to Commissioning, is the testimony of MECON's capability of building an engineering Marvel out of a scratch.

Services Offered
- Civil & Structural Engineering
- Architecture & Town Planning
- Ports & Material Handling
- Roads, Bridges, Highways & Flyover
- Defence Sector
- Environmental Engineering
- Hydro Engineering, Information Technology
- Techno-economics and Management Consultancy Services
- Healthcare Sector
RESEARCH & DEVELOPMENT

MECON's R&D Division, formally recognized by DSIR, Govt. of India, since 1986, has developed several innovative technologies during the course of these years. R&D of MECON is augmented by personnel from highly specialized areas such as Thermoelectrics, Optoelectronics, Holography, Laser etc. The activities are funded by external agencies such as DRDO, Ministry of Steel, DST, Ministry of Environment and Forests etc.

Expertise in R & D
- Design and Development of Thermoelectric systems.
- Design and Development of optoelectronics systems.
- Design and Development of optical fiber based systems.
- Design and Development of optical and digital imaging systems.
- Design and Development of laser systems.
- Design and Development of holographic NDT systems.
- Design and Development of thermal imaging systems.
- Design and Development of toxic gas analysis system.

Corporate Social Responsibility

MECON has been committed towards Corporate Social Responsibility and has been engaged in rural / community development activities since 60's. In order to fulfill the objectives of CSR, a dedicated group was formed by MECON way back in 1976 under the name "Community Development Committee (CDC)".

MECON is carrying out a number of activities relating to community development for upliftment and welfare of SCs, STs, OBCs, minorities and weaker sections of the society in slum areas / backward areas of Ranchi and nearby villages of Ranchi & Khunti districts.

The Welfare Activities:
- Community education scheme
- Resource generation scheme
- Vocational training scheme
- Community health programme
- Scheme for aiding the handicapped / disabled people
- Safe drinking water projects
- Providing aid to different schools
**MECON CREDENTIALS**

**CONSULTANCY CLIENTS**

### METALS
- SAIL
- NMDC
- HINDUSTAN ZINC LIMITED
- RINL
- VISAG STEEL
- NINL
- MESCO STEEL
- TATA
- RODHURCH
- JINDAL STEEL & POWER
- HINDALCO
- vedanta
- UTTAM
- BMM
- BHUSHAN
- MONNET
- KALYANI
- Adhunik
- JSW
- SLR
- BHUSHAN POWER & STEEL
- Ramsarup Group
- ACCIL

### POWER
- NMDC
- NTPC
- MONNET
- UPPCL
- NTPL
- WAPCOS
- NALCO
- SAIL
- BHUSHAN POWER & STEEL
- JSW
- Government of Mizoram
- IndianOil
- GREAT EASTERN ENERGY CORPORATION LTD.

### OIL & GAS
- APöl DC
- ONGC
- GREAT EASTERN ENERGY CORPORATION LTD.
- Bharat Petroleum
- MGNL
- IPCL
- LUBRIZOL

### INFRASTRUCTURE
- KANDLA PORT TRUST
- BARC
- ESSAR
- OPTCL
- UDRUMUCHU
- NALCO
- SAIL
- MINISTRY OF MINES
- UCIL
- STEMCOR
- RANIR GROUP
- NTPC

### OVERSEAS CLIENTELE
- AJAOKUTA STEEL COMPANY
- DELTA STEEL COMPANY
- DANGOTE STEEL
<table>
<thead>
<tr>
<th>NAME OF THE CLIENT</th>
<th>PROJECT DESCRIPTION</th>
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<tbody>
<tr>
<td>Rourkela Steel Plant</td>
<td>Installation of New 7m Tall Coke Oven Battery No. 6</td>
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<tr>
<td></td>
<td>Rebuilding of Coke Oven Battery No. 4</td>
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<tr>
<td></td>
<td>Design, Engineering, Supply and Erection &amp; Commissioning of Hot Strip Mill and Plate Mill Modification</td>
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<tr>
<td></td>
<td>Design, Engineering, Manufacture, Supply, Erection and Commissioning of Continuous Casting Plant (CCP-II)</td>
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<td></td>
<td>Sinter Screening &amp; Conveyoirisation of Blast Furnace 1, 2 &amp; 3</td>
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<tr>
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<td>Design, Engineering and Supply for Tar Bonded Dolomite Brick Plant</td>
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<tr>
<td>Bokaro Steel Plant</td>
<td>Rebuilding of Coke Oven No. 1 &amp; 2 with Pollution Control Facilities (Battery Proper)</td>
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<tr>
<td></td>
<td>Rebuilding of Coke Oven Battery No. 5 with Pollution Control Facilities</td>
</tr>
<tr>
<td>Bhilai Steel Plant</td>
<td>Upgradation of Blast Furnace No. 7 (Pkg. 1 furnace proper and Cast House)</td>
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<tr>
<td>Durgapur Steel Plant</td>
<td>Upgradation of Blast Furnace No. 3 (Unit Rate Basis)</td>
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<tr>
<td>Rashtriya Ispat Nigam Ltd.</td>
<td>Design, Engineering and Supply of Benzol Plant (Phase-I) and Benzol recovery &amp; distillation plant (Phase-II)</td>
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<tr>
<td>Visakhapatnam Steel Plant, Visakhapatnam</td>
<td>Engineering, Supply, Storage and Erection of Wire Rod Mill-1</td>
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<tr>
<td></td>
<td>Design, Engineering, Supply, Storage and Erection of Light and Medium Merchant Mill</td>
</tr>
<tr>
<td>Neyveli Lignite Corporation Limited, Neyveli</td>
<td>Design Engineering, Manufacture, Supply, Storage, Erection, Testing, Commissioning, Performance Guarantee Test, Guarantee and Warranty for Lignite Handling System for 2 x 250 MW TPS-II at Neyveli</td>
</tr>
<tr>
<td>Indian Space Research Organization, Srilanka</td>
<td>Design, Engineering Supply and Commissioning of Second Launch Pad</td>
</tr>
<tr>
<td>Tamilnadu Electricity Board, Chennai</td>
<td>Design &amp; Engineering, Manufacture, Supply, Civil &amp; Structural works, Erection, Commissioning of external CHP of NCTPS</td>
</tr>
<tr>
<td>Indomag Steel Technology, New Delhi</td>
<td>Design, Engineering, Supply and Erection of 350 M3 Blast Furnace at KISCO, Mangalore</td>
</tr>
<tr>
<td>Oil &amp; Natural Gas Corporation Ltd. Baroda</td>
<td>Design &amp; Engineering, Supply, Erection and Commissioning of Water and Air Injection Systems including electrics, Civil and Structures for in Situ Combustion Project</td>
</tr>
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<td></td>
<td>Modification / Upgradation of GGS II, III &amp; IV at Balol</td>
</tr>
<tr>
<td>India Iron &amp; Steel Company</td>
<td>Rebuilding of Coke Oven Battery No. 9</td>
</tr>
<tr>
<td>Indian Oil Corporation Ltd., Mumbai</td>
<td>Design, Engineering, Supply, Erection, Testing and Commissioning of complete P/L Tank Terminal at Amousi (Lucknow)</td>
</tr>
<tr>
<td>IBP Co. Ltd. Calcutta</td>
<td>Engineering, Procurement and Construction of POL Depot at Sangrur (Punjab)</td>
</tr>
<tr>
<td>Visakhapatnam Port Trust, Visakhapatnam</td>
<td>Surveying, Designing, Supplying, Erection, Testing and Commissioning of a suitable and effective Dust Suppression System in the Cargo Handling Areas</td>
</tr>
<tr>
<td>Madras Aluminum Company Ltd. Tamilnadu</td>
<td>Design, Engineering, Supply, Erection &amp; Commissioning for upgradation of Alumina Plant at Mettur Dam, Salem</td>
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<tr>
<td>Indian Petrochemicals Corporation Ltd.</td>
<td>Engineering, Procurement &amp; Construction for Rutene-1 Revamp Project at MGCO, Nagothane</td>
</tr>
<tr>
<td>Burn Standard Co. Ltd. Salem, Tamilnadu</td>
<td>Design, Engineering, Supply, Erection &amp; Commissioning of Co-Clinker (Spine I Aggregate Plant)</td>
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<tr>
<td>Indian Institute of Technology, Mumbai</td>
<td>Geo-Technical Centrifuge</td>
</tr>
<tr>
<td>Hero Cycle Ltd., Ludhiana</td>
<td>Design, Engineering, Supply, Erection &amp; Commissioning of 6-High Cold Rolling Mill</td>
</tr>
<tr>
<td>Indian Govt. Mint, RBI</td>
<td>Design, Engineering, Supply, Erection &amp; Commissioning of Mints at Mumbai, Hyderabad &amp; Kolkata</td>
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To Function as Customer Focused Organisation, Providing Globally Competitive Value Added Consultancy, Engineering, Turn-Key Execution and Project Management Services

MECON LIMITED (A Govt. of India Enterprise)

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<table>
<thead>
<tr>
<th>City</th>
<th>Telephone/ Phone</th>
<th>Fax</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangalore</td>
<td>+91-80-26252000</td>
<td>+91-80-26576352</td>
<td><a href="mailto:bangalore@meconlimited.co.in">bangalore@meconlimited.co.in</a></td>
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<td>+91-11-22041214</td>
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<td>+91-22-27812275</td>
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<td>+91-44-26184874</td>
<td><a href="mailto:chennai@meconlimited.co.in">chennai@meconlimited.co.in</a></td>
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<td>+91-33-22822381-82</td>
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<td><a href="mailto:kolkata@meconlimited.co.in">kolkata@meconlimited.co.in</a></td>
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