

MAJOR PROJECT - CNG & CGD NETWORKS

- DFR for CNG & CGD Networks in Guwahati & Other Cities along Brahmaputra River in Assam for OIL
- DFR & Business Plan for CNG & CGD Network in Gwalior for AGL
- DFR & Business Plan for CNG & CGD Network in Ujjain for AGL
- DFR for Kochi City Natural Gas Supply Project (KONGSP) covering Kochi CGD, CNG Network in Kerala & Industrial Consumers (< 50000 SCMD) in Kerala for BPCL
- DFR for Industrial Natural Gas Supply Project (INGSP) covering Industrial Consumers (> 50000 SCMD) along GAIL's Proposed Kochi - Bangalore & Kochi - Mangalore Pipelines in the States of Kerala, Karnataka & Tamil Nadu for BPCL
- DFR for CNG & CGD Networks in Panipat & Sonapat for IGL
- DFRs for CNG & CGD Networks in Lucknow, Agra, Vijayawada, Hyderabad / Secunderabad, Faridabad, Kanpur, Bareilly, Pune, Patna & Varanasi for GAIL
- DFR for CNG Facilities in Ahmedabad for IOCL
- DFR for CNG Network in Ahmedabad for HPCL
- DFR for CNG Network in Mozambique for JCI International
- DFR for Delhi CGD Network (in association with GCI Kenny, Australia) for IGL
- EPMC for Delhi CNG Project for IGL World's Largest CNG Network
- EPMC for Delhi City Gas Project for IGL
- EPMC for Agra & Lucknow CNG & City Gas Project for GGL
- EPMC for Vijayawada CNG & City Gas Project for BGL
- EPMC for Pune CNG & City Gas Project for MNGL
- EPMC for Ghaziabad & Greater NOIDA CNG & City Gas Project for IGL
- EPMC for Agarhala CNG & City Gas Project for TNGCL
- Engineering for CNG Equipment for CNG Network in Bangladesh for HPCL
- EPMC for CNG (from CBM) Station in Bampur for GEECL
- Engineering for 250 Bar CNG Test Facility at Palakkad for FCRI
- Technical Consultancy for Lucknow / Agra / Bareilly CNG & City Gas Distribution (in association with IEE, New Zealand) for GAIL



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Aiming Beyond...*



MECON OIL & GAS



MECON LIMITED is a premier design, engineering, consultancy and contracting organisation in India. Being the first consultancy organisation in the country to receive ISO 9001 : 2000 certification, the company has a large pool of 1650 highly qualified and experienced engineers and matching infrastructure facilities. Over the years, MECON has made rapid strides and grown into a multi-divisional and multi-locational company. With head office at Ranchi and presence in other major cities spread all over India, MECON has placed highest emphasis on serving the customers effectively by taking service to their door-steps. Besides metallurgical projects, the organisation has been a pioneer in acquiring and assimilating state-of-the-art technologies for various sectors of Indian Industry. Internationally MECON has made its presence felt by providing quality design, engineering and consultancy services for a number of projects in different countries. The company is registered with World Bank, Asian Development Bank, African Development Bank and UNIDO. MECON's corporate profile is available at URL <http://www.mecon.co.in>

MECON IN OIL & GAS

MECON's experience in chemical and petro-chemical engineering springs from its long association with steel plants, where it was involved in coke ovens and chemical by-products recovery plants. With diversification into the oil & gas sector, MECON has established strong credentials in the following specific areas having executed a number of projects for clients like GAIL, ONGC, IOCL, BPCL, HPCL, IGL, BGL, GGL, TNGCL, OIL, MNGL, etc.

AREAS OF OPERATION

- Long distance pipelines
- CNG & city gas distribution (CGD) networks
- Refineries & petrochemicals
- POL terminals
- Group gathering stations
- In-situ combustion plants
- Coal bed methane projects
- LPG stations
- LPG bottling plants
- Offshore platforms

LONG DISTANCE PIPELINES

The range of services provided by MECON include

- Route survey & base line data generation for ROU acquisition & engineering
- DFRs and EIA/EMP/RRR Reports
- Detailed engineering
- SCADA & telecom
- Cathodic protection
- Contracting & cost engineering
- Procurement of equipment & materials, including inspection & expediting
- Supervision of construction & quality control at site
- Assistance during test runs, commissioning, and post - commissioning services
- Planning & scheduling
- Project management



CNG AND CITY GAS DISTRIBUTION (CGD) NETWORKS

MECON has developed expertise in providing services from concept to commissioning, including project management services. MECON was associated with setting up of world's largest CNG and city gas distribution network at Delhi for Indraprastha Gas Limited (IGL). This project contributed to drastic reduction in pollution levels in Delhi. These laudable efforts have been emulated by other states like Maharashtra, Gujrat, UP, Ap, Haryana, tripura, etc.

REFINERIES & PETROCHEMICALS

MECON's range of services include

- Preparation of design basis
- Preparation of PFDs
- Preparation & development of P&IDs
- Thermal design of heat exchangers
- 3-D modeling of pipelines
- Stress analysis of pipelines
- Network analysis for flare system including flare design
- DCS system
- Detailed engineering
- Procurement services
- Construction supervision
- Commissioning assistance
- PMC services
- LSTK services



POL TERMINALS

MECON's range of services include

- Preparation of DFRs
- EPMC services
- LSTK services



MAJOR PROJECTS LONG DISTANCE PIPELINES

- DFR for 24" x 101 km R-LNG Pipeline in Kerala (from Kochi LNG Terminal to NTPC's Power Plant at Kayamkulam) for BPCL
- DFR for 30" x 1000 km Natural Gas Pipeline from Kakinada to Kolkata (in association with PLE, Germany) for GAIL
- Consultancy for Natural Gas Trunk Pipeline ROU Acquisition from Chennai - Kakinada - Kolkata - Jagdishpur - 2700 km for GAIL
- EPMC for 10" x 32 km Ibrahimpur - Dholpur Natural Gas Pipeline Project for GAIL
- EPMC for 12" / 6" / 4" x 84 km Keleras - Malanpur Natural Gas Pipeline Project for GAIL
- EPMC for 18" / 16" / 12" x 109 km Natural Gas Pipelines to IPPs in K.G. Basin for GAIL
- EPMC for Feeder Lines to consumers in Delhi, Mohan Nagar, Ghaziabad, Noida, Bahadurgarh, Sonapat & Gurgaon for GAIL
- EPMC for 12" x 48 km Narimanam-Kuthalam Zones Natural Gas Pipeline for GAIL
- EPMC for Natural Gas Consumers & Loop Lines in Cauvery Basin for GAIL
- EPMC for 16" x 61 km Chainsa - Gurgaon Natural Gas Pipeline Project for GAIL
- EPMC for 12" x 23 km Dhaura Kuan to GTK Road Natural Gas Line for IGL in City of Delhi
- EPMC for 18" x 36 km Kuthalam EPS to PPN Power Natural Gas Pipeline for GAIL
- EPMC for 12" / 10" / 8" x 54 km Dome / Konaban to NEEPCO Pipeline, Rakhia, for GAIL
- EPMC for 12" x 15 km + 18" x 40 km NTPC (Phase-I & II) Pipelines, Zapor, Baroda for GAIL
- EPMC for 12" x 65 km RSEB (Phase-I & II) Pipelines, Jaisalmer for GAIL



MAJOR PROJECTS - REFINERIES & PETROCHEMICALS

- EPMC for Crude Distillation Unit of Barauni Refinery for IOCL
- EPMC for NMP Extraction Unit of Haldia Refinery for IOCL
- EPMC for MTBE Cracker Plant at Talaja, Maharashtra for Lubrizol
- LSTK Execution of Reactor Loop Modification System of Hexane-T Plant, Nagothane for IPCL
- LSTK Execution of BTXS Plant (100 TPD) at Visakhapatnam for RINL
- Detailed Engineering of Offsites & Utilities at Panipat Refinery for IOCL
- Butene 1 Project at Nagothane for IPCL
- LPG Bottling Plant at Guwahati for IOCL
- Lube Blending Plant at Tondirapet for IOCL

