

MARUTHI ENGINEERING CONSULTANTS

— The Innovative people

ISO 9001:2008 Certified



LOCAL ENGINEERING PARTNER FOR GLOBAL LEADERS

PROJECT MANAGEMENT CONSULTANT

DESIGN AND DETAIL ENGINEERING

MANPOWER CONSULTANCY

AS BUILT SERVICES

TRAINING AND PLACEMENT





MARUTHI ENGINEERING CONSULTANTS is an Engineering company offering global standards of services by world class quality and on time completion. MEC has its office situated in Chennai, Tamilnadu, INDIA

The important factor of MEC global character are its flexibilities & Commitment to effectively address demanding standards of quality and competitiveness & effectively utilize the resources and compete with other world class organization for projects anywhere in the world. Certified by BQS to ISO 9001: 2008 standards, MEC is the leader in the consultancy industry, in terms of experience and resources. MEC focused its operations on several Indians & Overseas projects covering various industrial segments. MEC have acquired a reputation for successfully engineering such projects & the clients have come to rely on the prompt services, innovation, expertise and continuing commitment to quality.

MEC have well established Advanced Design Services using state-of the Art Plant Design Suite (PDS) to generate 3D models of plants integrating structure, equipment, pipes, etc. by technically trained personnel with proven capabilities. Equipped with integrated Computer Aided Design (CAD) facilities, its services include every conceivable requirement of our valued clients.

An array of technical and engineering services and contacts with renowned corporations that offer state-of-the-art technologies, have made MEC unique among the consulting engineering companies.

OUR MISSION

MEC, We work to support people and Global business leaders throughout world realize engineering full potential.

This is our mission.

Everything we do reflects this mission and the values that make it possible.



QUALITY POLICY

We strive our customer satisfaction through continuous updating Quality service procedure and self evaluation practice.

We Commit to customer ensure quick response for their needs and queries

OUR SEGMENTS

- PETRO CHEMICALS & REFINERY PLANT
- OIL AND GAS PLANT
- PHARMACEUTICALS
- WATER TREATMENT
- LPG GAS HANDLING
- FIBRE PLANT & CARBON BLOCK PLANT
- POWER PLANT
- STEEL PLANT

OUR EXPERTISE

Civil

- Building Design (Steel & RCC Structural)
- Architecture
- STADD PRO3 Analysis
- Authorized Certification
- RCC Tanks, Bridges & Clarifiers
- Pipe Sleepers/Structural Supports
- Machine bed analysis
- Land survey for level contours
- Route survey for pipe laying

Mechanical

- Design services
- Tanks & Vessel Design
- Fabrication drawing
- Material cutting plan
- Mechanical Gen. Arrangement. Drawing.
- Mechanical data sheet

Piping - Flow sheet

- Process flow diagram
- Piping & Instrumentation drawing
- Hydraulic flow Diagram

Piping - Layout

- Equipment layouts.
- Piping Routing layout
- Piping Yard routing Layout
- Piping Sectional detail layout
- ISBL / OSBL segregation Layout
- Piping support Marking layout

Piping - Isometric

- Isometric drawing – line
- Isometric drawing – total scheme
- Isometric drawing – System

Piping - Datasheet

- Piping Material Specification
- Valve Data Sheet
- Bill of material

Piping - AS BUILT

- As built Drawing
- Site services
- Deputing man power (collecting information)
- Deputing manpower (site engineering)
- Cable routing layout
- Electrical and Instrumentation

Fire fighting design

- Design Brief Report
- Detailed Layout
- Data sheet for equipment (fire fighting)
- Bill of material

Electrical & Instrumentation

- Design & Detail engineering services
- Pre bid engineering services

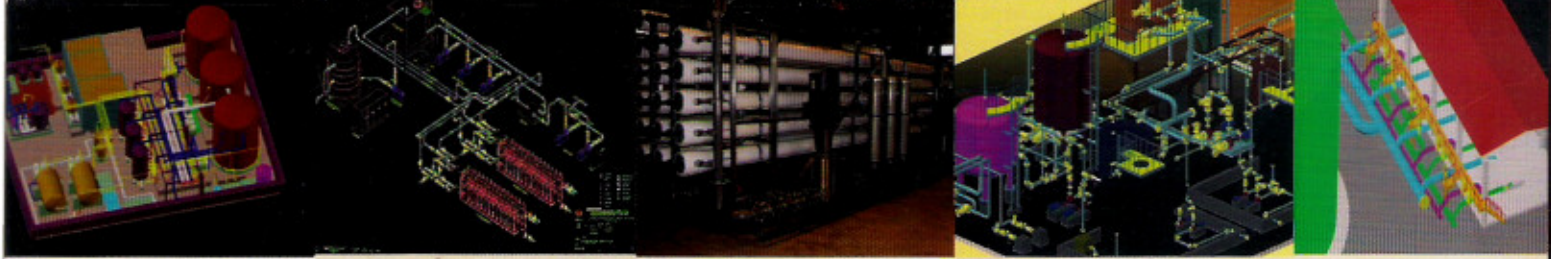




OUR CONTOUR

- Detail engineering and PDMS MODELLING for POWER PLANT PIPING for ALGHANIM INTERNATIONAL GENERAL TRADING & CONTRACTING CO.WLL., AZ-ZOUR SOUTH CCGT-2 PROJECT to MINISTRY OF ELECTRICITY AND WATER., KUWAIT.
- Design & Detail Engineering of CIVIL / MECHANICAL / PIPING / ANALYSIS / ELECTRICAL / INSTRUMENTATION ETC., for CHENNAI PETROLEUM CORPORATION LIMITED – FIRE WATER NETWORKING PROJECT through BGR ENERGY SYSTEM
- DESIGN AND DETAIL ENGINEERING OF ULTRA FILTRATION PLANT FOR BABA ATOMIC RESEARCH CENTER KALPPAKAM.,
- HOT AIR ANALYSIS / OIL AND AIR PRE HEATER THERMAL ANALYSIS for CARBON BLACK MANUFACTURING UNIT OF HIMADRI CHEMICALS LIMITED INDIA.
- PIPING ISOMETRIC ENGINEERING for VATECH WABAG LIMITED to PARADIP REFINERY PROJECT,
- UF & RO PLANT FOR PRECOT MERIDIAN LIMITED through TRIVIKRAM LIMITED.,
- Design, Detailed Engineerings for Drinking Water & Utility/Portable water Distribution network and sewage Distribution network - ETA STAR INTERNATIONAL LLC.DUBAI
- Submission of Engineering Solution for Strengthening foundation of Air Pre Heater & Stress Analysis report for Two Pipelines of Air Pre Heater - HIMADRI CHEMICALS & INDUSTRIES LIMITED
- Pipe Stress Analysis & Pipe Support details for Natural Gas line from indirect water bath heater to main burner and Pilot Burner , BGR ENERGY SYSTEMS LIMITED
- Pipe Stress Analysis & Pipe Support details for Natural gas line to heating system from existing tie in through metering skid. BGR ENERGY SYSTEMS LIMITED
- Preparation of Bill of Quantities of Structural for Samsung EPS - HK ARCHITECTURE INDIA PVT.LTD . KOREA
- Preparation of Utility water Facility Line Diagram, Compressor Air Line Diagram, Diesel Line Diagram, Storm water drains leading to existing rain water harvesting system, sewage line diagram - HK ARCHITECTURE INDIA PVT.LTD. KOREA
- Civil Design scope for BAC & MAC Foundation – CHEMTEX. Bangalore
- Pre Bid Engineering & BOQ ETC for Turnkey Package of Copper Smelting Plant at STERLITE INDUSTRIES - TUTICORIN TAMIL NADU
- ETP for 1 X 40 MWCPP , NLC NALCO INDIA LIMITED
- 5400 CU.Mtrs. Cooling Tower , NLC NALCO INDIA LIMITED
- 480m³/Day Effluent Treatment Plant .NLC NALCO INDIA LIMITED
- DM PLANT - Jamshedpur .NLC NALCO INDIA
- Effluent Recycling RO Plant , Dahej,Bharuch,Gujarat.NLC NALCO INDIA
- Deputing services of Project Engineer and Draught man to DEGREMONT LTD
- Detailed Design, Drawings and Engineering calculation to Valve Exchanger. – GLR SOLUTIONS LTD. CANADA
- Mechanical Design-PLA80007-WTP1037KLD/STP 1060 KLD - AQUA DESIGNS INDIA LIMITED
- Details Engineering for Ruwais Refinery Expansion Project, Abudhabi for PETROFAC ENGINEERING SERVICES PRIVATE LIMITED
- Details Engineering Services for DM RO Plant for ITC LIMITED Badrachalam.
- Detail design engineering services for CIVILMECH/PIPING for BIRLA COPPER Unit (HINDALCO) Baruch, Gujarat – NLC NALCO INDIA LTD
- Details engineering for WT plant for JUSCO Jamshedpur. – NLC NALCO INDIA
- Detail design engineering for Vedanta Aluminum limited Jharsuguda, Orris (Rukmani infra)
- Design for Re-boiler and Fabrication detailing for Manali Petro Chemicals
- Preparation of Piping GAD and ISOMETRIC for DCHA WATER treatment division through FICHTNER BOP INDIA
- Preparation of Piping GAD, For AIR Heater and Burner Duct Fabrication Drawing to TPS – 1 for NEYVELI LIGNITE CORPORATION NEYVELI through SIEMENS (E & I Division).
- Preparation of Piping GAD. Of Carbon Black Expansion – Line V for ALEXDRIA CARBON BLACK CO. EGYPT .from CHEMTEX CONSULTING OF INDIA (P) LTD. Bangalore.
- Preparation of Piping GAD. Of Waste Water Treatment Facilities for ESSAR OIL LTD. from VA TECH WABAG LTD.
- Preparation of Piping GAD. Of Effluent Treatment Plant for ONGC, MEHSAND Asset from VA TECH WABAG LTD.
- Details Engineering and AS – IS for piping GAD DM Water & STP for Shanganilla MALDIVES from NALCO Malaysia.
- Preparation and Extraction of Isometric Drawing with Bill of Materials from Piping GAD for CPCL – 2.5 MGD Sewage Reclamation plant of CHENNAI PETROLEUM CORPORATION LIMITED. By VA TECH WABAG LTD
- Preparation of As Built Drawing for ISOMETRIC & EQUIPMENT LAYOUT of STERILE PLANT of ORCHID CHEMICALS & PHARMA LTD.
- Deputing services of Project Engineer and Draught man to ORCHID CHEMICALS & PHARMA LTD.
- Deputing services of Project Engineer and Draught man to TAMILNADU WATER INVESTMENT COMPANY LIMITED.
- Deputing services of Designer for Steel Structural Detailing at AVANT-GRADE ENGINEERS & CONSULTANTS(P) LTD.,
- As Built Drawings services from site details for PERUNDURAI CETP for VA TECH WABAG LTD.
- Design Detail Engineering services for Plant and Piping Engineering for Kilo LAB 1,2, & e for SHASUN CHEMICALS AND DRUGS LIMITED
- Design Detail engineering Services for Steel Structural detail Engineering for GEA ENERGY SYSTEMS (INDIA) LIMITED





ENGINEERING SERVICES

PIPING ENGINEERING & DESIGNING
 DESIGN OF MECHANICAL EQUIPMENTS & FAB DRG
 STEEL & STRUCTURAL DESIGN & MODEL MINIATURE
 E P C CONSULTANTS
 MAN POWER DEPUTATION
 PLANT & PIPING ENGINEERING TRAINING
 & PLACEMENT

PROPOSAL SERVICES

MAN HOUR ESTIMATION
 MATERIAL TAKE OFF
 RFQ PREPARATION
 TECHNICAL BID REVIEW
 COST ESTIMATION
 TENDER SUBMISSION

SITE SERVICES

DEPUTING MAN POWER LOCAL
 & ABROAD SITE SERVICES
 CONSTRUCTION SUPERVISION
 QUALITY ASSURANCE / CONTROL
 FIELD ENGINEERING SERVICES
 PRE COMMISIONING SUPPORT

OUR BUSINESS PARTNERS



MARUTHI ENGINEERING CONSULTANTS

The Innovative people



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