



SCULPT DESIGN CONSULTANCY PVT. LTD.

Integrated Engineering Solutions

Company Profile



ISO 9001: 2008

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Operations: Singapore | India – Chennai, Trichy & Bangalore | Oman | UAE |



INTRODUCTION:

Introduction:

Sculpt Design Consultancy Pvt. Ltd. is a professional engineering services firm with proven expertise in Fire safety & protection engineering, MEP (HVAC, Electrical & Plumbing), piping, Oil & Gas and Instrumentation Engineering. Our portfolio of services also encompasses project Management Engineering, feasibility studies, field investigations, construction supervision, project planning, on-site manpower assistance, integrated design and detail engineering outsourcing services globally.

Sculpt Group emerged from the root of our concern called Sculpt Design Consultancy Private Limited (SDCPL), Chennai, India. SDCPL has over 80 in-house engineers and established network/presence in Asia & Middle East countries.

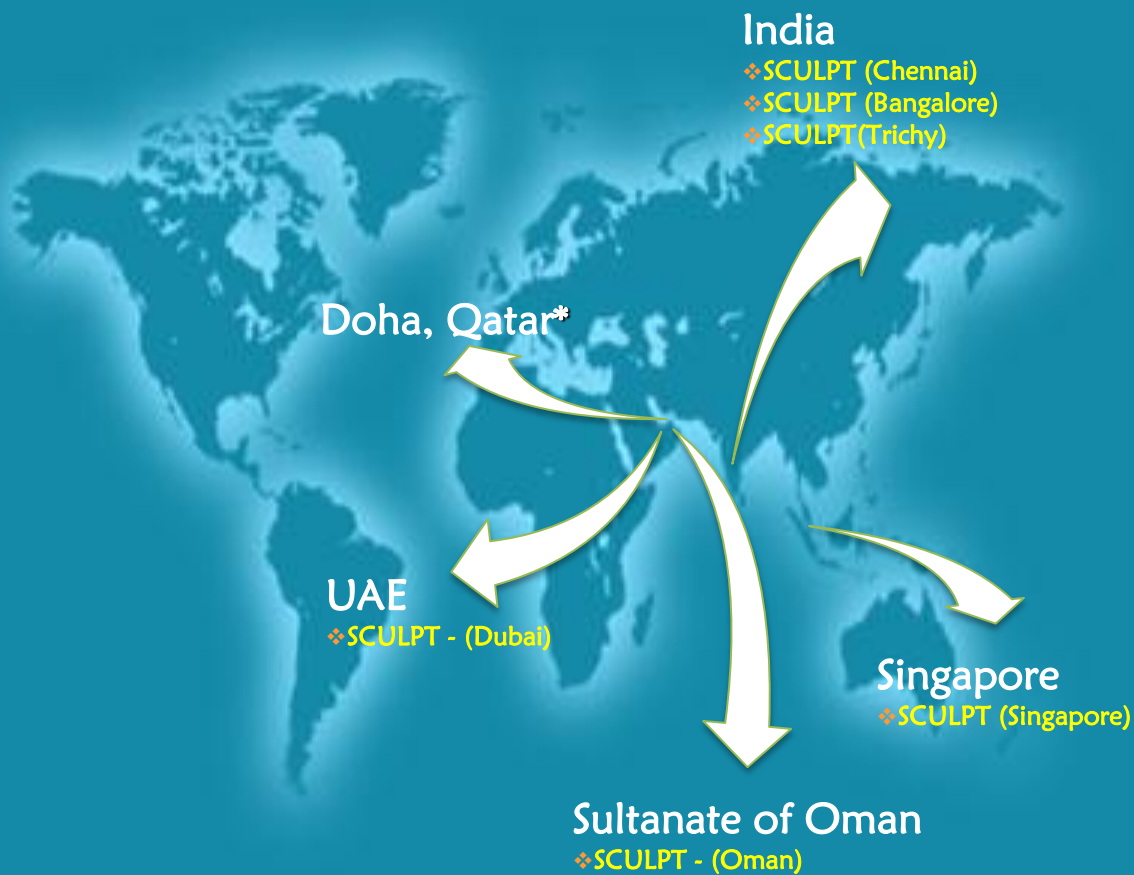


Sculpt provides consultancy services for the lifecycle of a project, to a broad range of sectors. We provide engineering solutions, from conceptual design to project management and commissioning support (End-End)

The company is committed to ensuring client confidence in their investment decisions. Consequently, it has a strong focus on innovation in order to maintain the highest performance standards in all aspects (High quality and value for money on time and in accordance with the agreed customer requirements)



OUR PRESENCE:



** - Under Incorporation*



PARTNERING COMPANIES:



SPM Engineering Consultants is our partnering company specialized in Oil & Gas, Electrical and Instrumentation Engineering.

SPM ENGINEERING CONSULTANTS

**Operations: | UAE | India: Chennai / Trichy |
Website: www.spmengineeringconsultants.com**



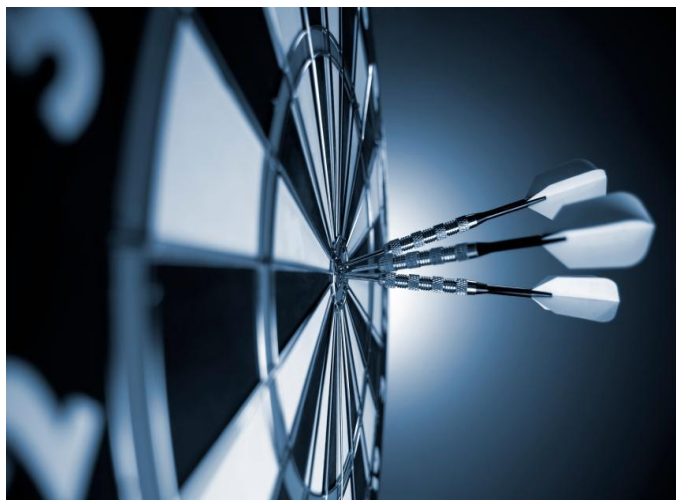
Sculpt Institute of Technical Training Center (SITTC) is our group company providing training services to students and graduates in the field of Piping, MEP Engineering and exclusive authorized training center for Creo (earlier known as Pro-Engineer) & Autodesk products in Trichy.

SCULPT INSTITUTE OF TECHNICAL TRAINING CENTER

**Operations: | India: Chennai / Trichy |
Website: www.sittc.co.in**



OUR GOAL VISION & MISSION:



Our Goal:

We are committed to achieve excellence in every aspect of delivering timely solutions. We strive to create environments that inspire, empower and revolutionize lives, workplaces and recreations of humanity.

We aim to contribute significant value, not only to our clients but also to our employees and our community, through continual innovation, sustainable development and global best practice.

Vision:

Our vision is to bring quality work with perfection and awareness about Fire, Life safety and CAD support services to valued clients/end user. We prefer our expertise engineer's professionalism and dedication on global focus to get continual improvement of success rate to become a leading global service provider.

Mission:

Our mission is to build effective organization with existing and new effort of valuable engineers; we continually aim to achieve the excellence and profitable growth in our core business with brand recognition.

Sculpt encouraged to strive new trends and technologies at early stage of work in order to get quality outcome with professionalism.



FIELD OF SPECIALIZATION:



Power Plant



Commercial



Industrial Plants



Airport



Seaport



Oil & Gas



Medical



Warehouse



Automotive



Hotels



Residential



Shopping Complex



Theaters



Laboratory



Clean Rooms



KEY ACTIVITIES:

Engineering Design Consultancy Services

Engineering design outsourcing services

MEP Detail Engineering services

MEP Peer Review

Electrical & instrumentation Engineering

On-site Manpower Assistance

Fire & Gas detection mapping Services

Feasibility / Calculation / HAZOP Study

Storage Tank Design & Detail Engineering Services

Supervision of Installation works

Project management Services



FIRE SAFETY & PROTECTION SYSTEM COMPETENCE:

Code Consulting

Performance Based Design

Fire Protection System

Authority Liaison

Fire Strategy

Fire Safety Audit

Training & Awareness

FIRE SAFETY

We always strive to upgrade to the latest local & international codes, standards, Worldwide research works and innovations to achieve the highest safety at most economical way.



FIRE SAFETY & PROTECTION SYSTEM COMPETENCE:

CODE COMPLIANCE

- Building/Fire Code Consulting
- Code Equivalency Development
- Performance-Based Code Compliance
- Audits and Surveys
- Fire Protection Master Planning
- Negotiation

- Project Review and Analysis
- Goals & Objectives Definitions
- Trial Design Development and Evaluation

PERFORMANCE BASED DESIGN

FIRE PROTECTION SYSTEM

- Systems Design
- FEED Documents
- Tender Documents
- Fire/Smoke/Egress Modeling

- Project Delivery Analysis/Planning
- Construction Contract Administration
- Construction Bid Documentation
- Installation supervision/Quality Management
- Commissioning/Acceptance Testing

CONSTRUCTION MANAGEMENT



MEP ENGINEERING SERVICES:

We are specialized in Design and detailing of MEP Services with the depth knowledge of Indian and international standards. Our services include an exceptional quality with a guaranteed timely delivery of projects. We provide the following services for both new and existing facilities.

Sculpt strive to offer a high-level of expertise within the mechanical, electrical & plumbing engineering discipline. We encourage our engineers to get involved with various organizations such as the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), the American Society of Mechanical Engineers (ASME), and the American Society of Plumbing Engineers (ASPE) allowing us to stay on the cutting edge of new technology. Our engineers design for a variety of projects and clients thus having an in-depth knowledge base to pull from. We are able to provide assessments, recommend alternatives and provide a properly designed high-functioning system to meet the clients very specific individual need.

Our expertise covers a wide variety of MEP design including:

- Central Plant Heating and Cooling Systems
 - Chilled Water / VRV / DX / Evaporative Cooling System
 - Chilled Beam / Radiant Panel / Spot Cooling System
 - Hot water / Process Cooling System
 - Normal / Industrial Ventilation System
 - Chemical Exhaust System/Dust Extraction System
 - Smoke Exhaust System
- HVAC**
- Boiler Design
 - Internal hot & cold water supply distribution system with combination of Gravity and Hydro pneumatic distribution
 - Domestic water treatment plant.
 - Sewerage Treatment Plant (STP)
 - Effluent Treatment Plat (ETP)
 - Soil, Waste and Vent Piping
 - RO
 - Distilled Water System / Deionised Water System
 - Eye wash / drench shower
 - Compressed air / Vacuum System
- PLUMBING**



MEP ENGINEERING SERVICES:

- Lighting (Normal, Emergency, Aviation & Façade lighting)
- Power (Small & UPS Power)
- Extra Low Voltage (Tele & Data, CCTV, BMS, ACS, FA & PA/VA)
- Substations, Electrical, Telecom & Generator room
- Panels (MDB, DB, EDB, MCC, EMCC, FACP, VACP, CBDB etc.,)
- Calculations (Load schedule, Voltage drop, Cable tray, Cable trunking, Cable ladder & Conduits)
- Selection of Wires & Cable
- Schematics & Single line diagram
- Lightning Protection
- Earthing Drawing

ELECTRICAL

- External & Internal Hydrant System Design
- Wet Sprinkler System
- Dry Sprinkler System
- Deluge System for Transformers and Storage Tank
- Foam Sprinkler & Spray Nozzle System
- FM 200 System
- CO₂ System
- Fire Extinguishers
- Fire Pump room / Reservoir Arrangement

FIRE PROTECTION

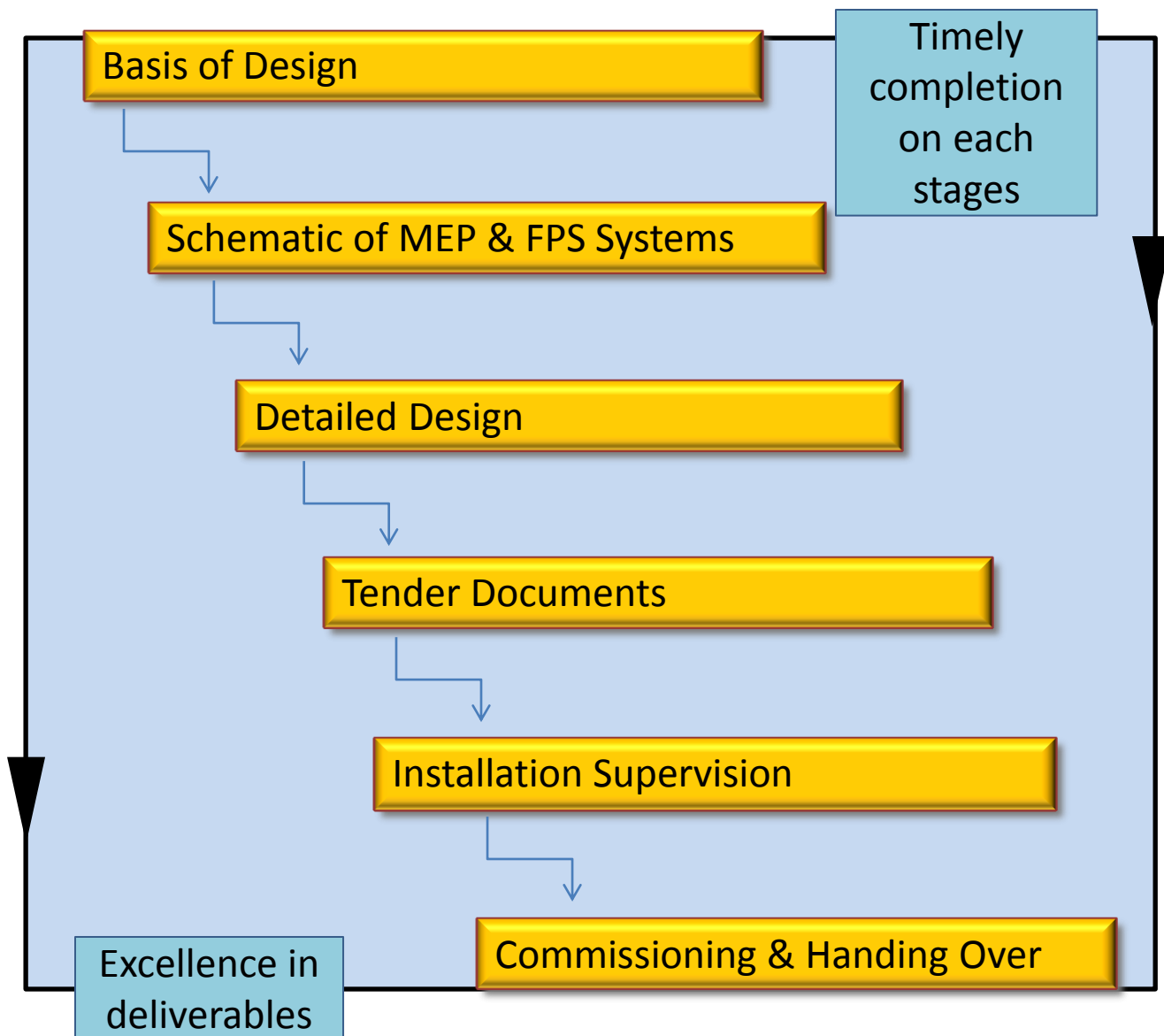
We Ensure

- Zero Error
- Timely Deliverables
- Proper Allied Service Co-ordinations
- Client Satisfaction





ACTIVITY METHODOLOGY:





PROJECT MANAGEMENT SERVICE:

Depending on the client's requirements and project needs, we can undertake to act as the Owner's representative or operate as your EPCM consultant ensuring success of the overall project on your behalf.

Sculpt expertise in project management starts after feasibility studies i.e. from site selection, extended basic engineering till commissioning assistance. We leverage in-house design & engineering expertise and co-ordinate with various disciplines like Civil, structural, architectural, process, plant engineering, utilities etc.

With Sculpt, you have the option of working with just one engineering company throughout your project. During the project management phase, we will generate project schedules and facilitate project meetings for you. We will help your staff stay on top of project schedules and deadlines, meet with vendors to ensure timely delivery of quality products, and coordinate with operations, subcontractors and the entire cross functional team to ensure that your project gets completed on time.

Our services include:

- Extended Basic Engineering
- Budget Cost Estimation
- Detail Engineering
- Technical support for statutory approvals
- Procurement Assistance
- Vendor monitoring & expediting
- Construction Supervision
- Assistance in installation & commissioning





ENGINEERING OUTSOURCING:

We begin outsourcing projects from various stages of completion and provide with design, calculation, detailing and final drafting of documents. Sculpt understands outsourcing of engineering services, we are capable of understanding project / client requirements precisely. We are an off-shore service provider, capable of undertaking all kinds of Fire / MEP engineering services, starting from full construction specifications to remodeling, renovation or rescaling. We are also providing on-site service based on client requirement.

Sculpt connects business with low-cost CAD services from our backend engineering firm in India with adequate resource to meet even critical deadline schedules. This service will be fruitful to PMC Consultants / Main / MEP contractors, as a reason, we generate the conceptual design drawing, design basis report, BOQ, Specification, startup project presentation, etc,.. for Fire / PMC consultants, and complete coordination drawing for HVAC, Plumbing, Firefighting, Electrical, Utility services, etc,.. by considering the project specification and IFC drawing for Main/MEP Contractors. So, consultants/contractors can concentrate fully in installation part and finalizing new assignments (project) without spending more resource and effort on their contextual part of work.

Having Working with a client oriented approach and striving for flexibility and transparency, we have broadly delineated our outsourcing endeavors on the certain parameters such as.....

- Scope of Work
- Engagement Level
- Project Type
- Off-Shore Project Planning Methodology
- Analysis of the Project
- Project Execution
- Final Delivery



QUALITY POLICY:




Our Quality Strategy:

We are committed to meet the customer expectations and exhibiting high ethical values, a sense of responsiveness and respect for individuals.

Strictly comply to the quality management system and ensure implementation is achieved by internal audit, management review, corrective and preventive actions.

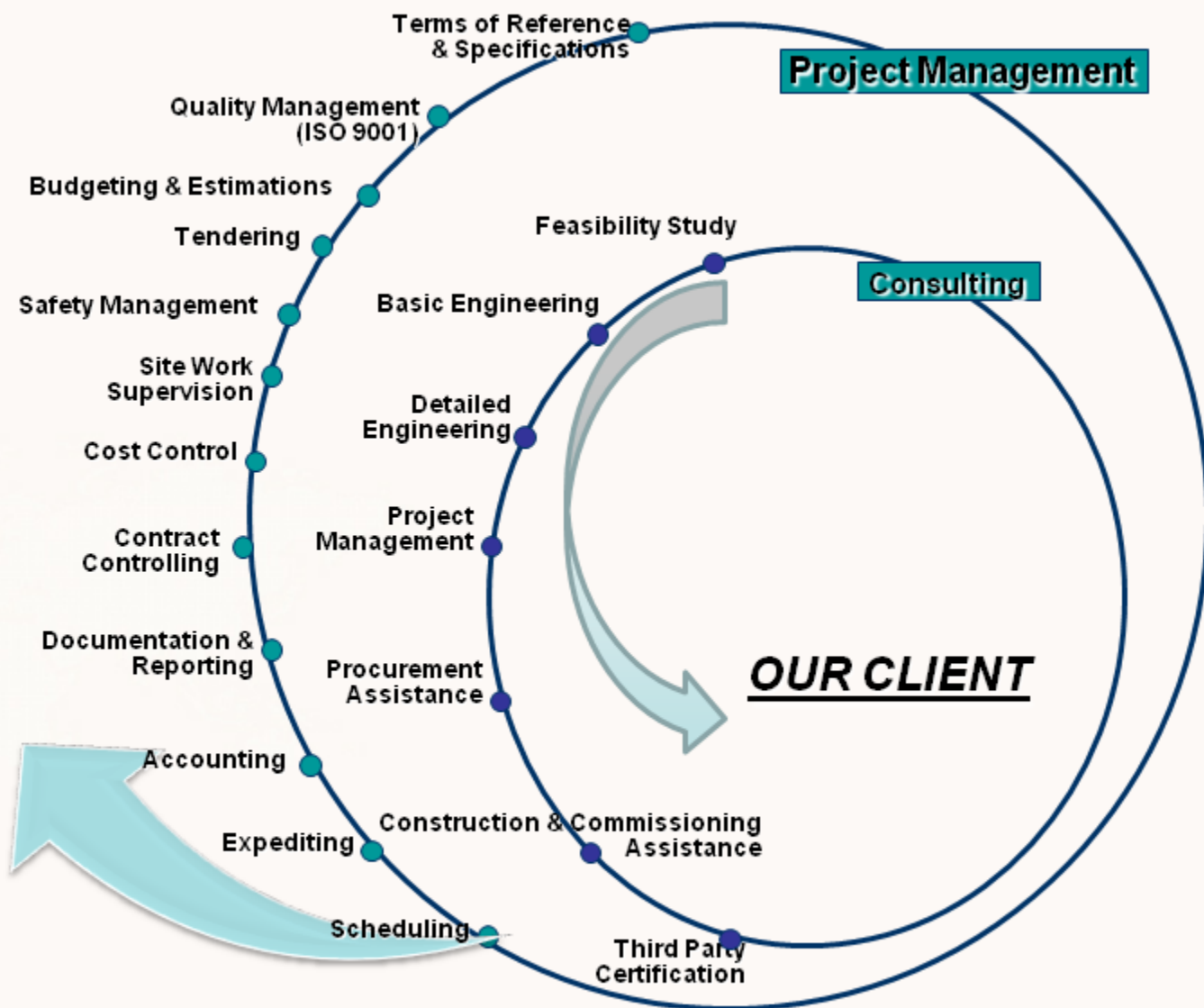
Explore innovative way to satisfy the needs of our customers by upgrading ourselves to latest technological developments by means of continual training and developments.

Sculpt team members are enormously committed to do their best in respective areas.





OUR BUSINESS PROCESS...





INFRASTRUCTURE FACILITIES:

Our Infrastructure:

SDCPL is located inside the city limit of Chennai further expanding back –end offices in Trichy – Tamil Nadu and elsewhere in the future,

Existing and continual development process.....

- Infrastructure to accommodate sufficient CAD draftsman with all support facilities.
- Listed hydraulic software solely used for mechanical systems.
- Client / Server setup with online power backup.
- Security system, firewall, hardware security for data protection.
- Online UPS and electrical back up for power supply.
- Employee benefit facilities like library, restroom, free transportation, etc.
- 24/7 internet leased lines from two major service providers.
- Excellent communication facilities for off-shore clients via email, chat, messengers, VOIP calls.
- Printers in the range of A4 to A0 size.

Our Advantage:

- 24/7 Internet and telephone facility in our Engineering Office.
- Well built infrastructure for engineering office.
- Experienced Engineer's with enhanced field knowledge in Engineering and Design.
- Well Experienced Project Managers, Skilled Engineers and Technicians in Project Team to implement successful projects.
- Engineering Support to our client / end user with quick response to solve their queries.
- Proper documentation for our project work flow.
- Library housing the necessary technical codes & Standards (Hard / Soft) and reference books.
- Subscribed to leading technical journals & magazines.

MAJOR PROJECTS:



Project Name: Saint Gobain India Pvt Ltd
Description: Glass Manufacturing factory
Location: Pune, India
Services: Fire Fighting & Fire alarm system



Project Name: Proposed Expansion of Factory for MRF Limited
Description: Tyre Manufacturing Factory
Location: Pondicherry, India
Services: Engineering Consultancy of HVAC, RO, Steam, Utility & Fire Protection System.



Project Name: GE ITC
Description: Commercial Towers
Location: Bangalore
Services: Detailed Engineering Services of HVAC System



Project Name: Transport corporation of India
Description: Ware house Building for handling Port Products
Location: Chennai, India
Services: Engineering Consultancy of MEP System

MAJOR PROJECTS:



Project Name: MSGI India Pvt. Ltd.

Description: Automotive Industries

Location: Chennai, India

Services: Detail Engineering of MEP System



Project Name: Samsung India Pvt Ltd.

Description: Proposed Expansion of VD & AC Building

Location: Chennai, India

Services: Detailed Engineering Services of Mechanical system (HVAC, Plumbing, Fire Protection and Utility system)



Project Name: Proposed factory and Admin Bldg. for M/s. Lear Automotive India Pvt. Ltd.

Description: Automotive Seat Assembly Factory

Location: Chennai & Pune, India

Services: Engineering Consultancy of Utility Piping & Fire Protection System



Project Name: Hambanthota International Airport Maththala

Description: Aviation Fuel Farm

Location: Sri Lanka

Services: Design and Detail Engineering of Fire Protection System

MAJOR PROJECTS:



Project Name: ORPIC's new terminal facilities

Description: Oil Terminal

Location: Sultanate of Oman

Services: Feed of Fire Protection Design and ROP Approval



Project Name: Joint Industries Fuel Farm (JIFF) - Phase 3 expansion

Description: Fuel Storage Tank Farm

Location: UAE

Services: Design review & verification of fire fighting & detection system



Project Name: Garraf Field Development Project

Description: Fuel Storage Tank Farm

Location: Iraq

Services: Design & detail Engineering for water spray & foam system



Project Name: Daleel Petroleum

Description: Petroleum process & refinery plant

Location: Sultanate of Oman

Services: Fire fighting system

MAJOR PROJECTS:



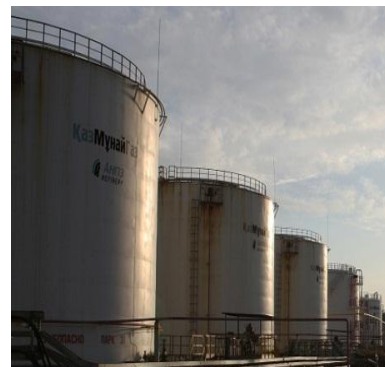
Project Name: Oman Oil Marketing Company
Description: Fuel Storage Tank Farm
Location: Sultanate of Oman
Services: Feed & Preparation of EPC scope of work documents for Fire Protection system



Project Name: Occidental of Oman Inc.
Description: Process & Fuel Storage Facility
Location: Sultanate of Oman
Services: Fire Assessment report, Feed & Preparation of EPC scope of work documents for Fire Protection system



Project Name: METS Tank Farm Phase 1
Description: Tank Farm for Various Hazardous Product
Location: Fujairah, UAE
Services: Design and Detail Engineering of HVAC, Process Piping & Fire Protection System



Project Name: Deep Oil Conversion Complex of Atyrau Refinery
Description: Sulphur Recovery Unit
Location: Atyrau, Kazakhstan
Services: Fire Fighting System, Fire & Gas Detection System, Fire & Gas Risk Analysis with 2D & 3D Mapping

MAJOR PROJECTS:



Project Name: Ministry of Higher Education.

Description: Auditorium

Location: Salalah, Sultanate of Oman

Services: Feed of Fire Protection system



Project Name: New Residential Complex – Rimal II

Description: Residential with Commercial Complex

Location: Muscat, OMAN

Services: Fire Alarm & Detection System, Fire Protection System



Project Name: 3 x 16.5 MW Co-gen Power Plant

Description: Co-gen Power Plant

Location: Kingdom Saudi Arabia

Services: Design and Detail Engineering Services of HVAC & Fire Protection System



Project Name: Mohammed Waa Qaboos Abdullah Bin Mohammed Al Khonji

Description: New Residential Complex

Location: OMAN

Services: HVAC

MAJOR PROJECTS:



Project Name: Ali Salim Zahir Al - Busaidi.

Description: Residential & Commercial Building

Location: Sultance of Oman

Services: Fire Alarm & Detection System, Fire Fighting System.



Project Name: B+G+7 Residential Bldg.

Description: Residential Building

Location: Doha, Qatar

Services: Detail Engineering of MEP System

Project Name: B+G+2 office building

Description: Residential Building

Location: Bin Omran, Qatar

Services: Detail Engineering of MEP System



MAJOR CLIENT LIST:

نفط عمان
omanoil



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Inspire the Next



TEBODIN
Consultants & Engineers



Expertise with Passion.



Mott MacDonald



SAINT-GOBAIN

دايل للنفط ش.م.م.

DALEEL PETROLEUM L.L.C.





MAJOR CLIENT LIST:



ADVANCED SAFETY SOLUTIONS

حلول السلامة المتقدمة





CONTACT DETAILS:



INDIA:

SCULPT DESIGN CONSULTANCY PVT. LTD.

REGISTERED OFFICE:

Block – B, 2nd floor, B6, Plot No. 67,68 and 69, Samayapuram 2nd street, Karambakkam, Porur, Chennai – 600116.

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