Managing Risks, Delivering Value
GROUP OF COMPANIES

INDIA

QATAR

OMAN

KUWAIT

UAE

SINGAPORE

MALAYSIA

USA

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Branches
UAE, Qatar, Oman, Singapore & Malaysia

Associates
USA & Kuwait
IFluids is a complete design solutions provider established in India, Qatar, Oman and Singapore. Our Multi-disciplinary engineering professionals are comprehensive expertise in Design, Detailed Engineering, Procurement Support, Manpower services and Project Management serving Local & International markets.

Our Business sectors in Engineering are: Architectural, Civil & Structural, Steel Structures, Mechanical, Process, Electrical, MEP, Instrumentation, Automation, Chemical, Plant Design and Piping.

Backed by team with exceptional technical expertise and industry exposure, our approach methodology is crafted to ensure utmost client satisfaction and long-term business relationships thereby enabling us to retain the status of “Preferred Turnkey Solutions Partners”
ENGINEERING DESIGN

- CONCEPT FEASABILITY & FEED
- DETAILED ENGINEERING
  - ARCHITECTURAL
  - CIVIL & STRUCTURAL DESIGN
  - STRUCTURAL STEEL DETAILING
  - REBAR DETAILING
  - ELECTRICAL / PIPING DESIGN
  - HVAC DESIGN
  - FIRE PROTECTION
- FLOW ASSURANCE
- STREES ANALYSIS
- HYDRAULIC ANALYSIS / FIRE WATER NETWORK ANALYSIS
- SURGE TRANSIENT ANALYSIS
- ARC FLASH & POWER SYSTEM STUDY
- PROCESS SIMULATION
- LIGHTNING PROTECTION
- PROCESS & DYNAMIC SIMULATION
- LIGHTNING SLD’S CABLE SIZING
- LOAD FLOW STUDIES
- COST ESTIMATION ENGINEERING
- PROCESS ENGINEERING
IFluids provides Manpower solutions as a value added service to our Projects, by our experience we have found the complex workforce challenges faced by Projects at sites and hence we deliver the solutions that drive your business forward.

SPECIALIZED MANPOWER

- Instrument / Telecom Foreman / Supervisor / Engineer
- Electrical / HVAC Foreman / Supervisor / Engineer
- Mechanical Foreman / Supervisor / Engineer
- Project Planners / Engineers / Project Managers
- ICSS / PLC Automation Engineers / Specialist
- Operation & Commissioning Engineers / Specialists
- QA / QC Inspectors – All Disciplines
- API Certified Inspectors / Asset Integrity Specialist
- Technical Authors
- Design Engineers
SAFETY/LOSS PREVENTION

PROCESS SAFETY MANAGEMENT

- Hazardous Operability (HAZOP)
- Quantitative Risk Assessment (QRA)
- Safety Integrity Level (SIL)
- Relief Safety Design and Selection
- Electrical Systems Safe Operability Review (eHAZOP)
- Failure Mode Effects Analysis (FMEA)
- Flare Radiation Analysis
- Hazardous Area Classification (HAC)
- Cyber Security Solutions

FIRE PROTECTION DESIGN

- Risk Based PFP Inspection
- Fire Water Network Analysis
- Emergency & Rescue Evacuation Modelling
- Fire & Gas Mapping
- Active & Passive Fire Protection / Structural Fire Engineering
We offer comprehensive and professional training which are designed to correspond actual Operational situations.

<table>
<thead>
<tr>
<th>Process &amp; Chemical</th>
<th>Inspection, Metallurgy &amp; Corrosion</th>
<th>Cyber Security</th>
<th>Instrumentations &amp; Control</th>
<th>Mechanical &amp; Utility</th>
<th>Health &amp; Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Process Design Fundamentals</td>
<td>• Fundamentals of Corrosion Engineering</td>
<td>• IT Security Awareness</td>
<td>• Process Control &amp; Instrumentation</td>
<td>• Advance Maintenance Planning and Scheduling</td>
<td>• HAZOP &amp; HAZID</td>
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<td>• Advanced Process Engineering Design</td>
<td>• Failure Analysis</td>
<td>• ISO 27001 Introduction</td>
<td>• Gas Chromatography</td>
<td>• LOPA / SIL</td>
<td>• Quantitative Risk Assessment</td>
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<tr>
<td>• Process Engineering for Non-Process Engineers</td>
<td>• Metallurgy for Non-Metallurgists</td>
<td>• Essentials of ICS Engineering</td>
<td>• Mass Spectrometry - Calibration Techniques</td>
<td>• Membrane Unit Operation and Troubleshooting</td>
<td>• Health Risk Assessment</td>
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<td>• Process Simulation</td>
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<td>• Essentials of SIS Engineering</td>
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<td>• Static &amp; Rotating Equipment</td>
<td>• Dangerous Goods Handling</td>
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<td>• ICS Security and Network Management</td>
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<td>• Boilers &amp; Compressors</td>
<td>• Job Safety Hazard Analysis</td>
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<td></td>
<td>• Identity and Access Management</td>
<td></td>
<td>• Gas Turbine &amp; Steam Turbines</td>
<td>• Scaffolding / Working at Heights</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• ISMS Primer</td>
<td></td>
<td>• Surge Analysis</td>
<td>• Permit To Work</td>
</tr>
</tbody>
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The iFluids Engineering team with diverse and vast operational experience in various market segments have gained expertise in understanding the operational and user requirements of applications. This knowledge supported by the latest technology updates available with iFluids Engineering ensures that our detailed engineering, workflow and functionally design define and control all the related activities of any process each and every time for our clients.

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