

ITECH CONTROL & ENGINEERING PTE LTD

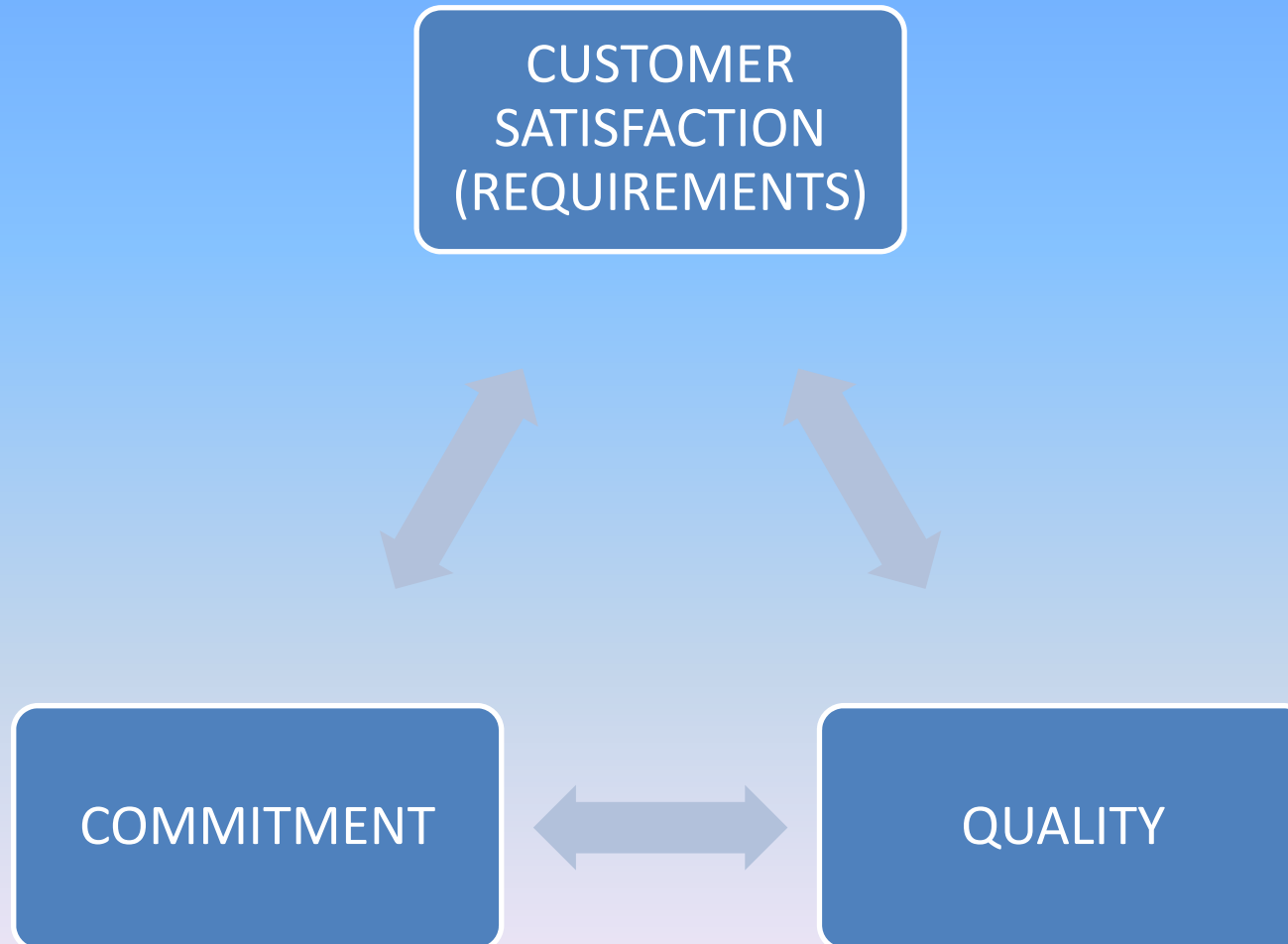
COMPANY PROFILE

INTRODUCTION

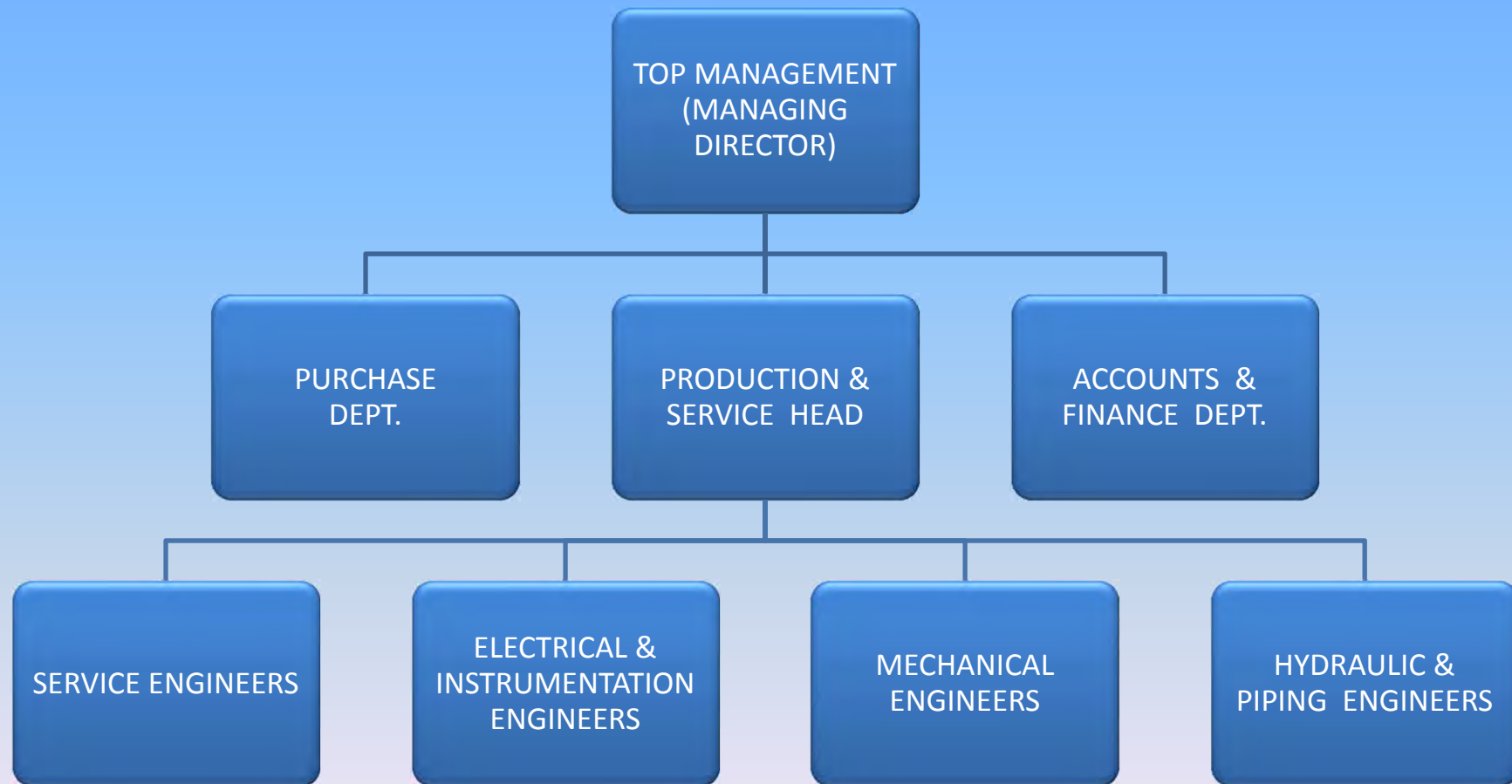
- **Itech Control and Engineering Pte.Ltd.** is a prominent engineering consultant, supplier, Electrical and Instrumentation contractors and service provider in the field of Marine and Offshore Industries.
- Company was established in 2004 by a group of engineers, who has solid experience in the relevant field of Electrical and instrumentation systems in Marine and Offshore Industries.

OUR MISSION

TO FULFILL THE CUSTOMER REQUIREMENTS WITH QUALITY IN TIME



ITECH CONTROL ORGANIZATION CHART



DESIGN ENGINEERING AND MANUFACTURING:

- ❖ We provide custom design, manufacturing, testing and commissioning of marine electrical switchboards, distribution panels, alarm monitoring systems and integrated marine automation systems.
- ❖ We provide turnkey installation services for marine electrical and instrumentation works, fire, gas, safety and security protection systems packages and other marine subcontracting businesses for repair, new build and retrofitting projects.
- ❖ We are an accomplished Engineering, Procurement, Construction, Management (EPCM) and front end engineering designer for electrical, instrumentation, systems for on-and-offshore facilities.
- ❖ We focused and dedicated to continuous product quality and excellent service to satisfy our customer requirements.

PRODUCTS AND SERVICES

- 1) Design and Fabrication of industrial Switch Boards and Various types of PLC Control Panels
- 2) Design and installation of Instrumentation and process Control systems
- 3) Sales, Service and Calibration of Instruments
- 4) Consultancy Services , Execution of Electrical and Instrumentation Projects
- 5) Maintenance and Repair of Marine and Offshore Equipments
 - Hydraulic Motor, Pumps and Control Valves
 - M/E Remote Control System
 - Steering Control and CPP Control System
 - Hydraulic Jack and Cylinders
 - Pneumatic Actuator, Cylinder and Valves
 - Safety Valves (Steam, Air and Hydraulic)

PRODUCTS AND SERVICES

- 6) Engine Safety System
- 7) Remote Control System
- 8) Boiler ACC Control System
- 9) Tank Gauging System
- 10) Fire Alarm System
- 11) I.G.S and I.G.G System
- 12) ODME / Oily water separator
- 13) Oil Mist Detector System
- 14) Gas Detection System
- 15) Hydraulic Winches
- 16) Hydraulic Crane
- 17) Ballast and Cargo Control System

ELECTRICAL CONTROL PANELS

Design and Fabrication of Marine, industrial Switch Boards and Various types of Control Panels



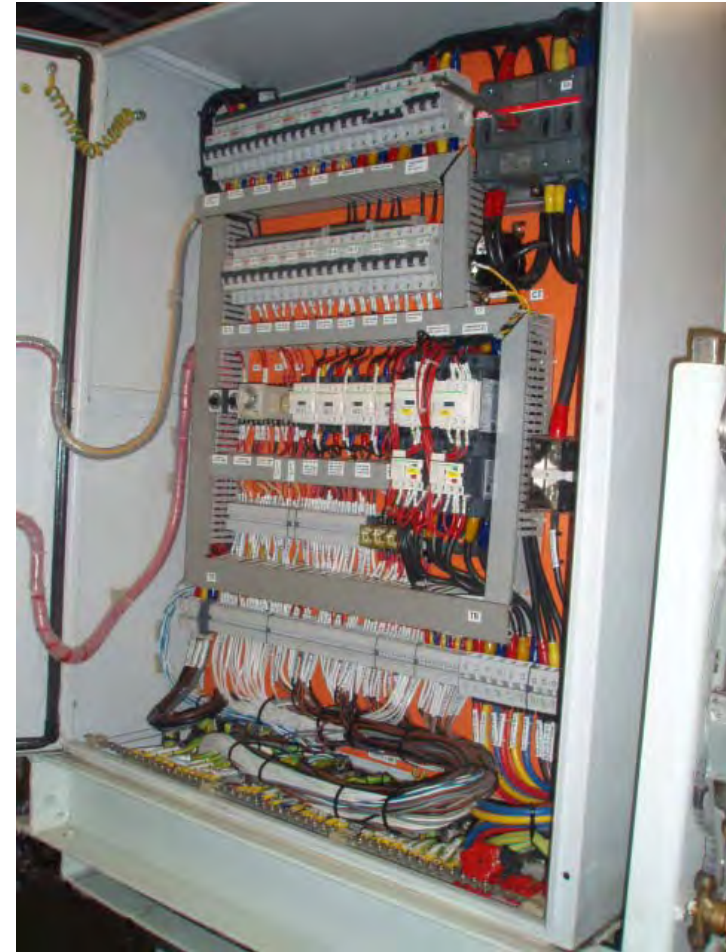
ELECTRICAL CONTROL PANELS

Design and Fabrication of Marine, industrial Switch Boards and Various types of Control Panels



ELECTRICAL CONTROL PANELS

Design and Fabrication of Marine, industrial Switch Boards and Various types of Control Panels



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www.itechcontrol.com

MCC PANELS

Design and Fabrication of Marine, industrial Switch Boards and Various types of MCC Panels

- We have in-depth expertise in offering MCC panel, which are used in various process of power distribution.
- Our range of MCC panel can withstand extreme temperature variation and is widely used in refineries, chemical, pharmaceutical and offshore industries.

Listed below are the salient features of our range:

1. Excellent performance
2. High reliability
3. Low maintenance
4. Rich modular design
5. Easy to use
6. Easy to install



VFD CONTROL PANELS

Design and Fabrication of Variable Frequency drive Control Panels



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VFD AND PLC CONTROL PANELS

We offer to our clients for Variable frequency drive and PLC control panels at highly competitive prices with the customized solutions.



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PLC CONTROL PANELS

Design, Fabrication and Testing of PLC Panels with Programming

- We manufacture and supply various PLC panels.
- We offer PLC control panels and remote I/O panels (remote input and output panels) with unique designs.
- These PLC panels are manufactured as per various industrial, Offshore and Marine standards which ensures their high quality and durability.
- Moreover, these PLC control panels are tested on various parameters With Programming, before supplying them to our clients.
- Commissioning, Service activities are carried out by us through our qualified and Trained engineers.



PLC CONTROL PANELS

Design, Fabrication and Testing of PLC Panels with Programming

- PLC panels are manufactured by us based on customer Requirements.
- Different Types of PLC's (Make) are used.

Different makes of PLC's are :

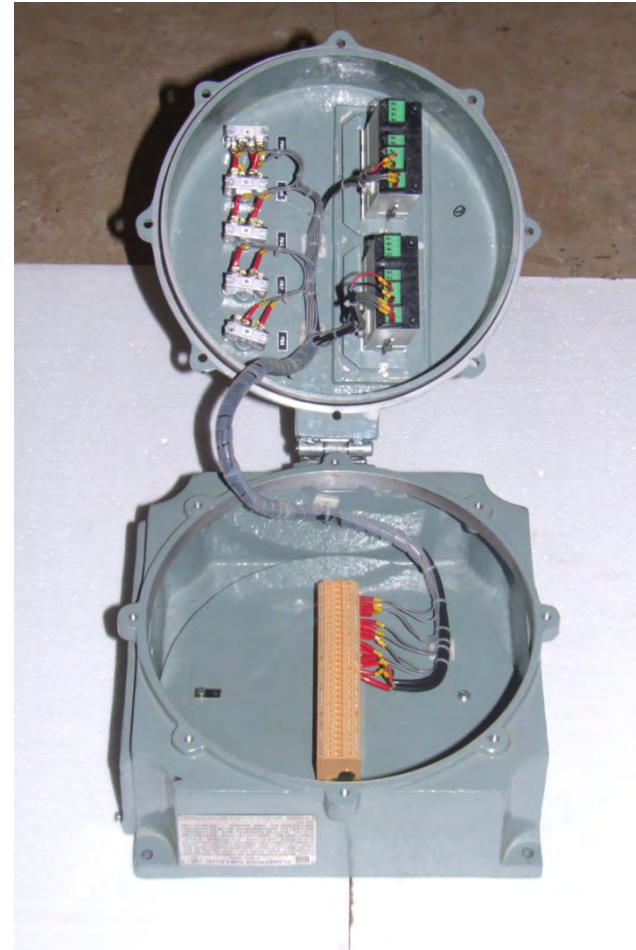
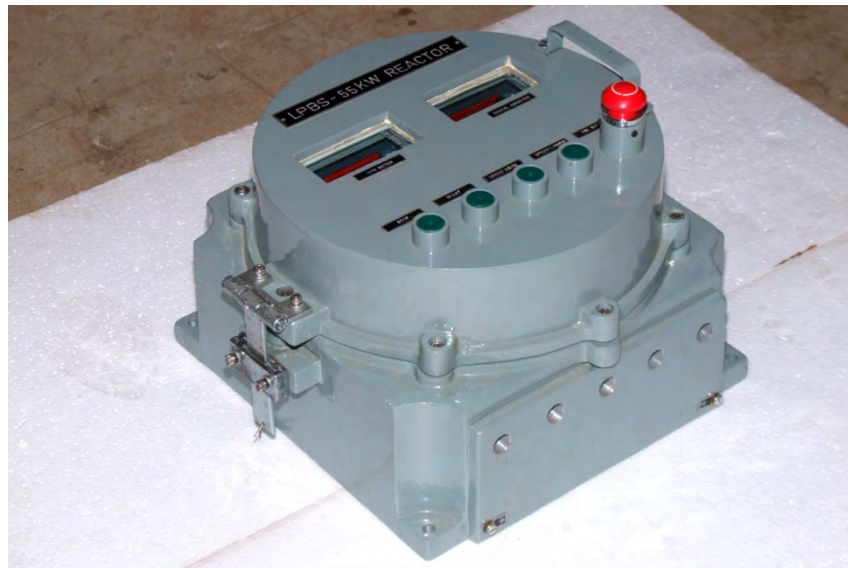
1. ABB
2. Siemens
3. Allen Bradley
4. Schneider
5. GE Fanuc
6. Mitsubishi
7. Omron
8. and others.

We have supplied our panels in Singapore & also to abroad.



EXPLOSION PROOF PANELS

Design and Fabrication of Explosion Proof Control Panels



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CIRCUIT BREAKERS & MAIN SWITCH BOARDS SERVICE

- We provide better Maintenance services to the following (Especially for Marine & Offshore Industry)
- 1. LT circuit breakers
(Various types & Make)
- 2. HT circuit breakers
(Various types & Make)
- 3. Main Switch Boards, Power panels (LT & HT)
- 4. Main Engine Panels
- 5. Modification of various types of control panels based on customer requirements
- 6. Autocad Drawings preparation.



CALIBRATION OF PROCESS INSTRUMENTS

- Calibration process are carried out with appropriate standard calibrators for various process Instruments with standard and detailed procedures.
- 1. Pressure gauges(PG)
- 2. Pressure Indicators(PI)
- 3. Pressure Transmitters(PI/PIT)
- 4. Pressure Switches(PS)
- 5. Differential Pressure Switch (DPS)
- 6. Differential Pressure Transmitter (DPT)
- 7. Temperature Indicators (TI)
- 8. Temperature Indicator cum Transmitters(TT/TIT)
- 9. Temperature Indicator cum controller(TIC)
- 10. Flow Instruments (FI/FIT/FIC)



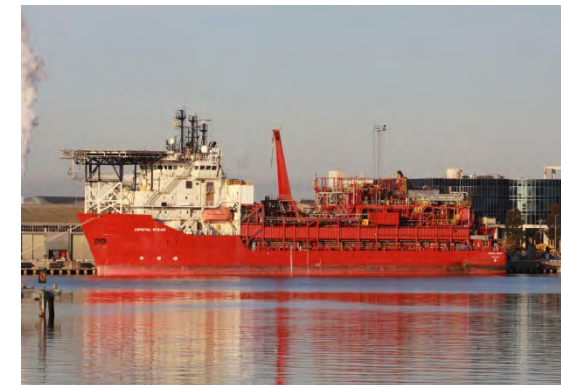
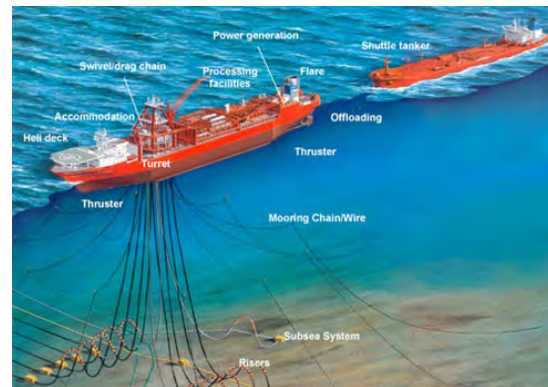
CALIBRATION OF PROCESS INSTRUMENTS

- 11) Tank Gauging System
- 12) Level Switch (LS)
- 13) Level Transmitters (LT)
- 14) Level Indicator cum Transmitters(LI/LIT)
- 15) Level Indicator cum Controller(LIC)
- 16) Fire Alarm System
- 17) I.G.S and I.G.G System
- 18) ODME / Oily water separator
- 19) Oil Mist Detector System
- 20) Gas Detection System



CONSULTANTS TO OIL & GAS INDUSTRIES (FPSO,FSO AND OIL PLATFORMS)

- Technical Expertise / Consultants to Oil & Gas Industries (FPSO,FSO and Oil Plat forms)
- Our Team of Engineers and Technicians are involved effectively in Oil & Gas Field.
- Our Team Includes :
 1. Construction Engineers
 2. Commissioning Engineers
 3. Electrical Engineers
 4. Instrumentation Engineers
 5. Mechanical Engineers
 6. Electrical Technicians
 7. Instrument Technicians
 8. Mechanical Technicians
 9. Inspectors



CONTACT US

Please Kindly contact us for any clarification or for business inquiry :

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THANK YOU !

