



**Your Reliable Partner for
Instrumentation and Fire Solution**

Who we are.?

We are Voltech Vipra, a trusted provider of quality Instrumentation and Fire Solution in India

Voltech Vipra's aim is very simple. We intend to provide the best in class services at the most affordable prices. Being a successful specialist in a field requires determination and focus, as well as the support and patronage of clients.

At VoltechVipra, we provide contemporary services and follow constantly innovative practices that help clients both in terms of quality and commitment.

Vision

Our Vision is to be the one stop solution provider in Fire & Safety, Engineering, Control and Automation for the engineering industry.

Mission

Our commitment to our work is rooted in our mission to provide our customers with the satisfaction of working with a dedicated organization whose commitment to quality is unsurpassable. We intend to provide with value enhanced engineering services that are optimal, – both in terms of cost as well as the quality of the services.



Fire Solution – Active Fire Protection System - FirePro

FirePro.

When it comes to active fire protection we at Vipra recommend the best in the industry.

FirePro design and manufacture flexible, efficient and effective fire suppression systems with an innovative compound at the core of their technology.

FirePro Condensed Aerosol fire extinguishing units, panels and sequential activator modules are listed separately and independently. Moreover, they are certified as an integrated system.

FirePro systems are designed in strict compliance with all relevant international standards: ISO 15779, NFPA 2010, IMO/MS1270, UL 2775, CEN/TR 15276, AS 4487.

Applications

- ☐ Electrical Panels
- ☐ Electrical Substations
- ☐ Diesel Engine Compartments
- ☐ Electrical Panel / Control Rooms
- ☐ Cable Tunnels
- ☐ Power Generator Rooms
- ☐ Warehouses & Archives
- ☐ Vehicles
- ☐ Railway
- ☐ Marine Vessels & Yachts

ADVANTAGES



Certified 15 year shelf-life



Marked with the Green Label



HFC Free



Zero Ozone Depletion Potential



EPA SNAP Listed



Non-oxygen depleting



Non Pressurized



Zero Global Warming Potential



Fire Solution – Active Fire Protection System - Rotarex



Rotarex offers a complete Detection and Suppression System Pre-Engineered for

- ☐ Commercial Kitchen
- ☐ IT Server Panels
- ☐ Data Centers
- ☐ Electronic Panel
- ☐ Electronic Panel Rooms

Commercial Kitchen Fire Suppression System

Rotarex FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective versus alternative mechanical or electronic systems.

LPCB Certified and Listed for Fixed Fire Extinguishing Systems for Catering Equipment. Tested for quality, Safety and Performance according to LPS 1223, Issue 2.3.

ADVANTAGES

- ☐ Easy / Flexible installation | Instant & Effective suppression
- ☐ Highly Dependable: no electricity or moving Parts



Electronic Panels / Data Centers Fire Suppression System



The CLEANFIRE system is designed and manufactured by Rotarex Firetec. A world leader in reliable control systems for pressurized gas applications. The proven technology used in the CLEANFIRE VdS approved Clean Agent Fire Suppression System has been installed in thousands of installations worldwide.

Novec 1230 fluid offers a unique combination of safety, low environmental impact and excellent extinguishing performance for both panel flooding and room flooding system. It is also ideal for special hazards fire protection making it the only chemical halon replacement to offer a viable, long-term, environmentally sustainable technology.

KEY BENEFITS

- Choice from 2L to 180L cylinders | Proven high quality valve technology
- Space- efficient as less space needed for cylinder storage
- Reduced cost for piping and maintenance | Fast discharge and effective suppression
- No residue- nothing to clean | Non – Conductive Electrically

Fire Solution – Passive Fire Protection System



Coopers Fire operates from two factories in the UK, the main office and factory on the south coast in Havant and one in Elland, West Yorkshire. Coopers Fire offer third party certified product design, manufacture, installation, commissioning and on-going servicing of fire and smoke barriers. Coopers Fire commitment to life safety is best expressed through dedication to ensuring that the fire and smoke curtains manufactured meet the highest international standards.

Commitment to life safety has led Coopers Fire to develop a wide range of fire and smoke curtain barrier assemblies fully tested to BS, EN and UL standards and approved to protect various applications across a wide spectrum of building types such as retail, hospitals, commercial, airports and domestic.

Applications

- ☐ Atrium, Lobbies & Receptions
- ☐ Opening in Walls
- ☐ Compartmentation
- ☐ Lifts and Lift Lobbies
- ☐ Egress & Corridor Separation
- ☐ Boundary Protection
- ☐ Stairs & Escalators
- ☐ Protected Means of Escape

FLAMEBLOC GS - FIRE RETARDANTS



The Flamebloc GS fire retardant products are specially designed to offer Passive fire retardant protection to substrates including wood, fabrics, leather, paper, metal, plastics and cables.

Flamebloc products can be used in all fire prone locations including Residential Houses, Commercial Buildings including Offices, IT Data Centres, Theatres, Hotels, Malls, Railway Station, Airports and many more.

Products can be easily applied through roll, dip, spray or brush and can also be top coated for added protection while still maintaining their primary utility.

Flamebloc GS (Green Series) and Flamebloc Foam Protect from Buckman Laboratories Inc. of USA, are formulated to provide outstanding protection for today's natural and synthetic products.

Fire Alarm System is becoming a mandatory requirement as per NBC 2016.

Vipra shall provide the following OEM FAS Solution to the customers.

Honeywell Notifier | Honeywell Morley | Ravel | Eaton - Cooper | Edwards | Siemens

Instrumentation Engineering



Instrumentation Engineering shall be segregated into five segments.

- ☐ Field Instruments Engineering
- ☐ Design Engineering
- ☐ Packages
- ☐ Automation
- ☐ Smart Plant Instrumentation

Vipra has an experienced engineering team to efficiently carry out processes in all the above five segments within the stipulated time. The meticulous quality of the documents and drawings that we design are successfully implemented during the construction stage without any major issues. Our commitment to our work enables us to work on schedule without compromising on quality. Customers also benefit from our value added engineering services which in turn helps the EPCC Contractors to limit their budget for the entire project.

Pre Bid Engineering / Front End Engineering Design (FEED) which is conducted after completion of Conceptual Design or Feasibility Study. At this stage, before start of E.P.C.C (Engineering, Procurement, Construction and Commissioning), various studies take place to figure out technical issues and estimate rough investment cost

Telecom Engineering

We are dedicated in our mission to assist clients with all IT & Telecom related needs, whether it's designing, building, maintaining & training. With valuable experience of more than a decade in the service industry, we have established ourselves in the market and are now providing a wide range of telecom engineering services to our clients.

We provide comprehensive solutions and services that enable you to, maximize returns on your technology investments. We maintain the highest standards of quality and our work stands the test of time.



We are Expertise in
Strategic planning | Establishing functional specifications | System designing
Technology/equipment selection

Industrial Automation

The following are the key process carried out by Vipra that can help improve your industrial plant with automation.

- Engineering, Programming, Supply and Commissioning of PLC, DCS and SCADA along the HMI. Vipra support brands from Rockwell Automation, Schneider, Siemens, ABB and Renu Electronics.
- Preparation of following Engineering Documents / Drawings
 - General Arrangement Drawing |
 - Wiring Diagram | Control Narrative
 - FAT / SAT Procedures
- Execution of Logic Diagram by our in house programming team in compliance with IEC 61131- Part 3.
- Commissioning at Site.



Instrumentation EPCC



Engineering, Procurement, Construction and Commissioning (EPCC) is a particular form of contracting arrangement used in some industries where the EPC Contractor is made responsible for all the activities from design, procurement, construction, to commissioning and handover of the project to the End-User or Owner.

Vipra's successful methodology involves

- Executing Instrumentation EPCC projects within budget and on schedule
- Proper co-ordination and interface with vendors both during the pre order and post Order stages.
- Minimizing construction delays due to lagging information, material or equipment.
- Tracking progress and maintaining contingency plans to stay on schedule.

Training

Vipra conducts the Smart Plant Instrumentation Training. We have devised new techniques and methodologies that help students and industrial professionals learn the technology according to Oil and Gas Industrial standards. We have helped shape the career of several professionals as well as students and provided them with excellent opportunities in several oil and gas projects.

- Design Engineering
- Field Instruments Engineering
- Automation
- Smart Plant Instrumentation



Our Major Clients



VOLTECH VIPRA ENGINEERS PVT. LTD.

No. 132, 133 & 134 Sri Kumaran Nagar,

Kundrathur Main Road, Kovur, Chennai - 600128.

+91 - 44 - 4397 8000 | voltechvipra@voltechgroup.com

www.voltechvipra.com