




**KANEX**



Shaping the future of fire protection



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## VISION

Kanex understands that business value cannot be achieved through technology alone. It starts with people; experts working together to get to the heart of your individual business objectives and develop the most adaptable solutions to fit these requirements. We believe this human-centred approach to technology is what makes the difference for our business.

## MISSION

Our mission is to reach the acme of perfection by adapting our technology and expertise in our concerned arena rendering maximum satisfaction to our clients. We wish to ensure optimum utilisation of existing assets to generate maximum internal resources renovation, growth and expansion. We desire to preserve the ecological balance and explore eco-friendly production processes to strike a harmonious relationship between nature and industry. In order to achieve all of this we will exploit all our energies, develop, implement cutting edge technologies and draw on both to deliver effective world-class solutions to our customers.

We ascertain our clients to offer them superior quality products by continuously maintaining the high quality levels with the implementation of stringent checks on regular basis.

# THE RIGHT PARTNER FOR YOU



KANADIA FYR FYTER PRIVATE LIMITED with the brand name of KANEX, is a company which manufactures all types of fire extinguishers. It is one of the most respected companies in Indian Private Sector. Kanex completed its first decade with a strong, customer centric approach in its operations and the continuous quest for World Class Quality has enabled us to attain & sustain leadership in the Fire Protection Industry. Our business is supported by innovative marketing activities, wide distribution network and has established a reputation for strong customer support.

## HISTORY

Kanex first launched its range of domestic fire extinguishers in the start of 2000. We created a new market altogether, dominated it and are now amongst the leading marketing and manufacturing successes of the decade in Fire Protection arena.

Our Quality Assurance department and lab is well equipped to execute performance tests with its own calibrated equipments/instruments viz. Discharge Duration test, Hydraulic test (at 30 kg/cm<sup>2</sup>), Burst test, Fire test, Radiography (if required), Phosphating (seven tank process) equipments, automatic conveyor enabled painting. We also have a powder coating plant for quality painting or powder coating & an auto filling and packaging machine.

We have an adequate material handling facility for in process handling, loading/unloading of raw material; semi finished and finished products so as to prevent any kind of damage, or scratch marks. Utmost care is taken during the inward or outward logistics of our products.





The company has xproven capability and installed capacity to produce high quality Fire extinguishers in a wide spectrum of MOC, its class and grade in different sizes and types. We also cater to additional supplementary requirements like Performance Test, Fire Test, Hydraulic Test, Burst Test and Radiography procedures.

#### **Installed Capacity:**

Fire extinguisher (Portable & Trolley Mounted) with different size & type 1,00,000 Unit/PA

We have a qualified and quality staff power of approximately 50 employees out of which 4 are Engineers, 2 engineers are in the Quality assurance department, 4 employees are qualified welders 10 employees are commercial officers and 30 employees are skilled, semi skilled and unskilled workmen.

We have a well equipped, covered and established Factory shop in Bhavnagar (Sihor) which is under expansion, giving us a space of 4881 SQM, out of which approx. 2284 SQM is covered and 2597 SQM is open and office consists of about 283 SQM and has 170 SQM for fire testing ground. Our Mumbai office is about 808.00 SQF.

## CORE VALUES

Kanex thrives on Consistent Quality, Persistent Innovation, Professional Excellence, Realizing Ideas, and Accomplishing Objectives.

Our values help us drive our objectives and provide us with guidelines by which we achieve meaningful results. Our corporate values are guideposts to mark the path and guidelines within which we behave in our dealings with each other, our clients and the communities which we operate. Only by maintaining this shared focus do we, as individuals, become a successful team, and Kanex achieves its full potential.

### Customer First

Kanex exists to serve customers, whose demands are the driving forces behind our development. Enabling customers to become high-performance businesses and creating long-term relationships by being prompt in our responses, and by consistently delivering value.

### Dedication

We win customers' respect and trust primarily through dedication. This includes every effort we make to create value for customers and to improve our capabilities. We value employee contributions and reward them accordingly.

### Continuous Improvement

Continuous improvement is required for us to become better partner for our customers, improve our company and grow as individuals. This process requires that we actively listen and learn in order to improve.

### Openness and Initiatives

Driven by customer needs, we passionately pursue customer-centric innovations in an open manner. We believe that business success is the ultimate measure of the value of any technology, product, solution, or process improvement.

### Integrity

We insist on open, honest and fair relationships with our customers and business partners. Our every action should withstand the test of Public Scrutiny.

### Teamwork

We can only succeed through teamwork. We lay the foundations of successful cross-cultural collaborations, streamlined inter-departmental co-operation and efficient processes by working closely in both good and bad times.



# MECHANIZED PROWESS



## Hydraulic Press

We have our in house deep drawing facilities for the manufacturing range of fire extinguishers, equipped with technically advanced hydraulic press machines to ensure efficient and flawless production.



## Par Excellence Welding Department

Kanex has a well organized welding department, headed by qualified engineers, with all the necessary procedures available for various processes involved. We have been producing fire extinguishers as per applicable standards cum codes. Substantial numbers of rectifiers/transformers and MIG welding machines with qualified welders are available to undertake volumetric jobs. We also undertake radiography requirements if required. Welding procedure ( WPS ) & Procedure qualification ( PQR ) are approved by TUV RHEINLAND as per ASME STANADARD.



## Anti-Corrosive Treatment

Kanex's State of the Art auto anti corrosive treatment plant is equipped with a seven tank hot phosphate treatment, giving better end results of powder coating. Empty cylinders are loaded in to baskets and passes through one by one different processes like Pickling, Degreasing, Derusting, Activation and Passivation. This automation process increases the life of the fire extinguisher and helps to produce consistent material.



## Helium Leak Detector

Leakage test carried out with Helium leak detectors ( mass spectrometer ) for higher accuracy purpose , this is unique equipment with leak rate upto  $10^{-10}$  mbar ltr / sec.

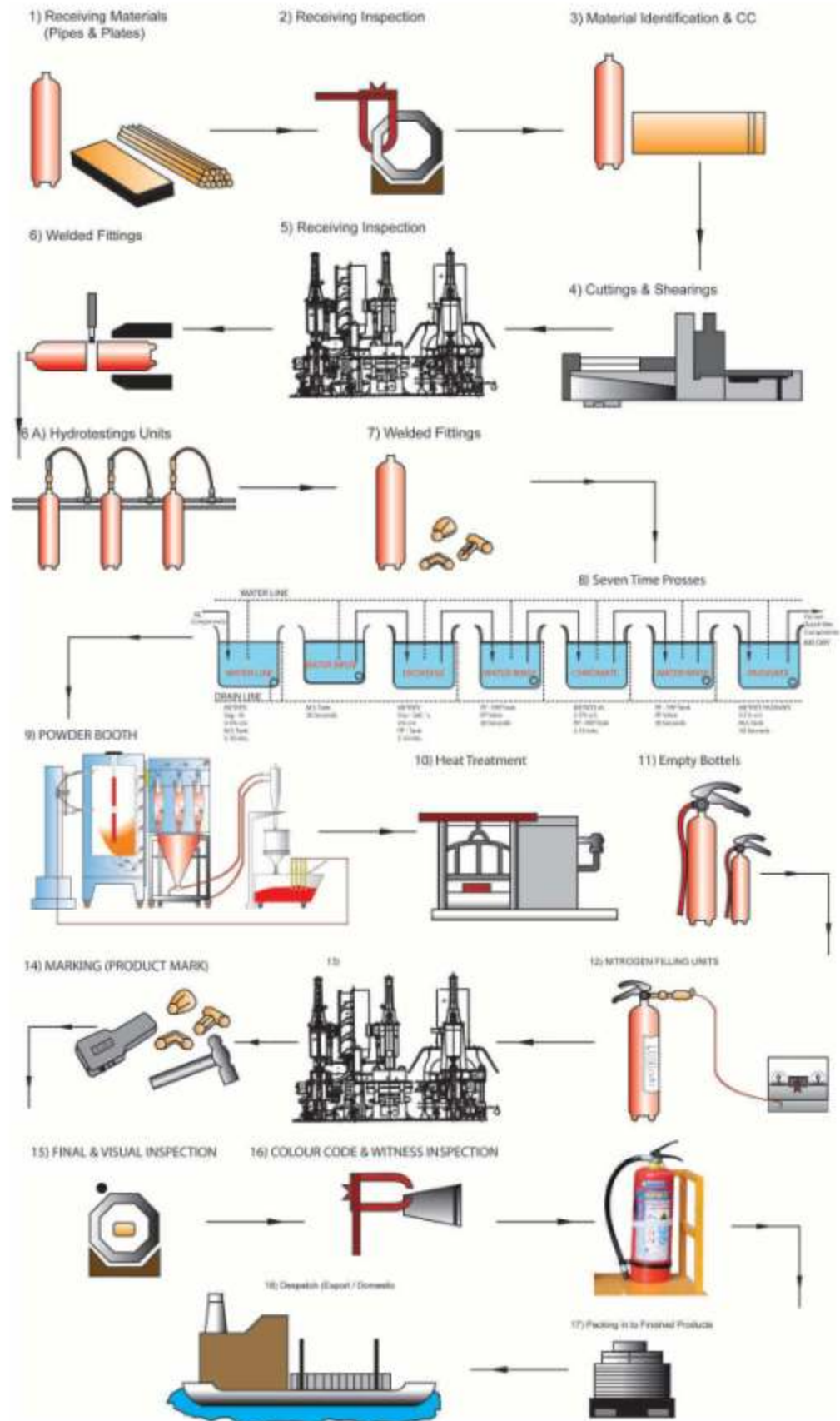


## Automated Powder Coating Panel

Kanex has its own powder coating unit which has an enhanced efficiency of powder coating powered by internal and external coating reciprocator. Some of the advantages of this panel are an increased uniformity and consistency of powder coating. A smooth, swift and precise movement of speedy and uniform coating reduces powder consumption.



# MANUFACTURING PROCESS



## IN HOUSE FIRE TESTING FACILITY

The finest production practices and technology are further complimented by Kanex's own fire testing ground which is set on an area of 2500 sqft and has been comprehensively created to enable the most complex fire tests required for the different types of fire rating.

A fire resistance rating typically means the duration for which a passive fire protection system can withstand a standard fire resistance test. It can be simply quantified as a measure of time or it entails a host of other criteria that involves other evidence of functionality or fitness for purpose. Fire rating refers to the length of time that a material can withstand complete combustion during a standard fire rating test.

The rating is also based on the amount of the extinguishing medium used to extinguish the fire of maximum size under the conditions of the test.





## TEST CARRIED AS PER IS:15683

|                        |                            |
|------------------------|----------------------------|
| Vibration Test         | Pressure Cycling Test      |
| Crushing Test          | Fire Test-a Class          |
| Long Term Leakage Test | Fire Test-b Class          |
| Impact Test            | External Corrosion Test    |
| Intermittent Test      | Temperature Cycles Test    |
| Tapping Test           | Internal Corrosion Test    |
| Ht Test                | Pneumatic Test For Leakage |
| Burst Test             |                            |







## Quality Assurance

The manufacturing team of Kanex keeps a stringent check on quality control at all levels of production. The quality monitoring department is headed by qualified engineers who back with years of knowledge and expertise overlook the production process in entirety.

From the procurement of raw material to final inspection of products the Kanex team leaves no stone unturned in churning out fire fighting equipment that is in a league of its own. We carry out all the necessary quality formalities at the suppliers end prior to bringing in the raw material at our workstation. The acceptance is based on the qualified Q.A plans and necessary checks are carried out as per the plans, calibrated instruments and qualified labs are utilized for calibration / verification of performance test / measurements.



# Widest Range of Fire Extinguishers





## DRY POWDER



Class A



Class B



Class C



Electrical

- Approved & certified by BIS and CE mark
- Available in 1, 2, 4, 6, 9, 25, 50, 75 Kg Sizes
- Available in MAP 50/90 Powder



## POWDER CARTRIDGE TYPE



Class B



Class C



Electrical

- Approved & certified by BIS
- Available in 4, 6, 9, 25, 50, 75 Kg Sizes
- Available in SBC / MAP powder



## FE 36 CLEAN AGENT



Class A



Class B



Class C



Electrical

- Approved & certified CE mark
- Available in 1, 2, 4, 6 Kg Sizes
- Available in Fe36



## ABC & CLEAN AGENT MODULAR



Class A



Class B



Class C

- Available in 1, 2, 5, 10, 15 Kg sizes
- Available in MAP 50/90 Powder & Clean Agent Gas



## CARBON DIOXIDE TYPE



Class B



Class C



Electrical

- Approved & certified by BIS and CE mark
- Available in 2, 3, 4.5, 6.5, 9, 22.5 Kg sizes
- Also available in squeeze grip





## FOAM & WATER TYPE STORED PRESSURE



Class A



Class B

- Approved & certified by BIS mark
- Available in 6 & 9 Ltr sizes
- Available in stored pressure



## FOAM & WATER CARTRIDGE TYPE



Class A



Class B

- Approved & certified by CE & BIS
- Available in 6 & 9Kg Sizes
- High quality EPDM Rubber braided hose



## TROLLEY MOUNTED FIRE EXTINGUISHERS



Class A



Class B



Class C



Dry Chemical

- Available in 25, 50, 75, & 150 Kg sizes
- Special moveable design



## NITROGEN FILLING STATION

- Portable equipment, easy to relocate
- Useful for onsite & offsite services
- Easy operation with auto stop filling function
- Precise filling with digital pressure signal & pressure transducer
- Safe operation with safety release system





# Kanex Approvals & Certificates

At this moment, we are applying for the EN-3 Performance Test for our products, in order to promote our competitiveness in the market. We concentrate on long-term success but not on a short-time interest. We firmly believe in quality and faith for the progress of our enterprises. The company has many national and international accreditations that is a testament to the company's perpetual commitment to its clients and partners in the segment of fire fighting.

## Quality system assessments:

TUV-RWTUV – EN ISO 9001:2000

Certificate No. : 0410030920

## Shop approvals:

Bureau Of Indian Standard (BIS)

Bharat Petroleum Corporation Ltd. - Mumbai

Hindustan Petroleum Corporation Ltd. – Mumbai

State Bank Of India – Ahmedabad

Nuclear Power Corporation Ltd. – Mumbai

Gujarat Urja Vikas Nigam Ltd. – Vadodara

Central Stores Purchase Organization – Bhavnagar

Directorate General Of Quality Assurance – Pune

Bharat Heavy Electricals Ltd. - Noida

SAIL - Bhilai Steel Plant

Engineers India Ltd.

Tata Consultancy Engineers

Tata Teleservice Ltd.

The Tata Power Company Ltd.

Gujarat State Fertilizers & Chemical Ltd. – Vadodara

NTPC Ltd. – Andhra Pradesh

Gail India Ltd. – Ujjain

## Product approvals:

CE APPROVAL

DGQA APPROVAL

BIS APPROVAL

DGS & D APPROVAL

ISO APPROVAL

Hindustan Zinc Ltd – Chittorgarh

Chennai Petroleum Corporation Ltd. – Chennai

Reliance Industries Ltd. – Jamnagar

Reliance Telecom Infrastructure Ltd. – Navi Mumbai

Essar Oil Ltd.

Enercon India Ltd.

Hutchison Essar South Ltd. – Hyderabad

Tata Teleservice Ltd. – New Delhi

Birla Cellulose [Grasim - Birla Group]

Thai Sena Base Workshop

GAIL India Ltd (Temporary Vendor No. 148 )

Gujarat Energy Transmission Corporation [GETCO]

Tata Projects

Larsen & Toubro Ltd – ECC Division

Material Organisation – Mumbai

Directorate General of Mines Safety – Dhanbad

Directorate General of Supplies & Disposals – Ahmedabad

## List of Consultants who have approved our Brand:

Zaveri Consultant

Development Consultant

Mott – Macdonald

Engineers India Ltd.

Sijcon

Mecon Ltd.

Tata Consultancy Engineering Ltd.

AKB Power & Consultant Pvt. Ltd.

PGCIL

ERCOM Consultant

DCPL

Fichtner Consultants

Pankaj Dharkar & Associates

AECOM Formerly Spectral

Eskayem Consultant Pvt Ltd.

Frischmann Prabhu

M N Dastur & Co Pvt Ltd.

ThyssenKrupp Group



&  
Many More...

# Clients

## Chemical & Pharmaceutical Sector :

BASF India Ltd  
Cargill (India) Pvt Ltd  
Central Salt & Marine Chemical Ltd.  
GSFC  
Nicolas Piramal India Ltd  
Nirma Ltd  
Tata Chemicals  
GNFC  
Torrent Pharma  
Cadila Healthcare  
Rallis India  
Anchor Daewoo Industries Ltd  
J. K. Pharmachem Ltd  
Krishak Bharati Cooperative Ltd  
Rashtriya chemicals & Fertilizers Ltd

## Petroleum Sector :

Hindustan Petroleum corp. Ltd  
Indian Oil Corporation  
Pan India  
HPCL  
Petroleum Conservation Research Assoc.  
Gas Authority of India  
Bharat Petroleum Corporation  
Essar Oil  
Reliance Group Ltd  
Caim Energy  
Bharat Oman Refinery Ltd  
ONGC  
OMPL  
Bharat Petroleum corporation-Kochi Refinery.

## Aviation Sector

Jet Airlines  
Kingfisher Airlines  
GMR Hyderabad International Airports Ltd  
Asia Pacific flight Training academy Ltd  
HOSPITALS  
BAPS Pramukhswami Hospital.  
CIMS Hospital Pvt. Ltd.

## Hospitals

BAPS Pramukhswami Hospital.  
CIMS Hospital Pvt. Ltd.

## Gas & Power Sector

Gas Authority of India Ltd  
BHEL  
NEG Micon India PVT Ltd  
APGENCO  
NTPC  
Transmission Corp. of Andhra Pradesh  
Adani Power & Group  
MSEB (MAHARASHTRA)  
Nuclear Power Corporation Of India  
MSETCL  
GETCO  
NHPC

## Retail Sector :

Reliance Retails  
Bharti Wall mart  
Easy Day- Bharti Retail Ltd

## Cement Sector :

Ambuja Cement  
Sanghi Cement  
Shree Cement  
Ultra Tech Cement  
Aditya Cement  
Lafarge India Pvt Ltd

## Mines & Steel Sector

MECONS Ltd  
Rourkela Steel Plant  
Bhilai Steel Plant  
Jindal Group  
Welspun Ltd  
TATA Steel Ltd  
Bhushan Steel Ltd  
Northern Coal Field

## Software & Telecommunication Sector :

Airtel (Bharti Cellular Ltd)  
GTL Limited, HCL, ORACLE  
Reliance Communication  
TATA Consultancy Services  
TATA Teleservices Ltd  
TVS Interconnect System  
Hewlett-Packard Global Soft Ltd.  
Vodafone Ltd., (Pan India)  
Idea Cellular Ltd., (Pan India)  
WTTIL (Pan India)  
Indus Tower  
Oracle

## Automobile Sector

TATA Motors  
General Motor  
MAN Trucks India Pvt Ltd  
Eicher Automobiles  
Maruti Suzuki  
Volkswagen  
Delhi Metro Ltd

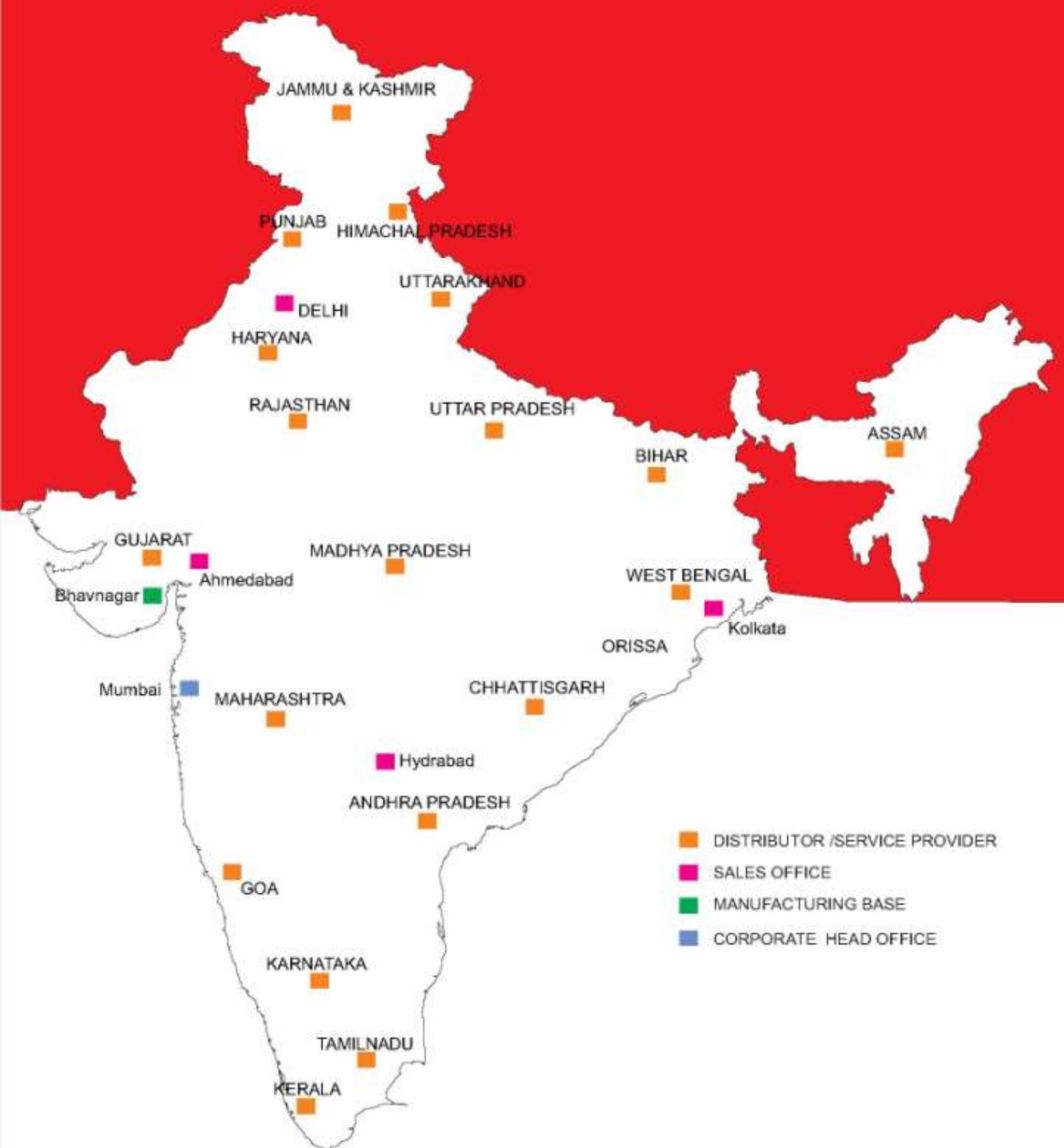
## Construction Sector :

IVRCL  
Larsen & Toubro (ECC) Div.  
Wadhawa builders  
Godrej  
Toyo Engineering Co. Ltd  
Essar projects (I) Ltd  
Kazstroy infrastructure (I) Pvt Ltd

## Banking Sector :

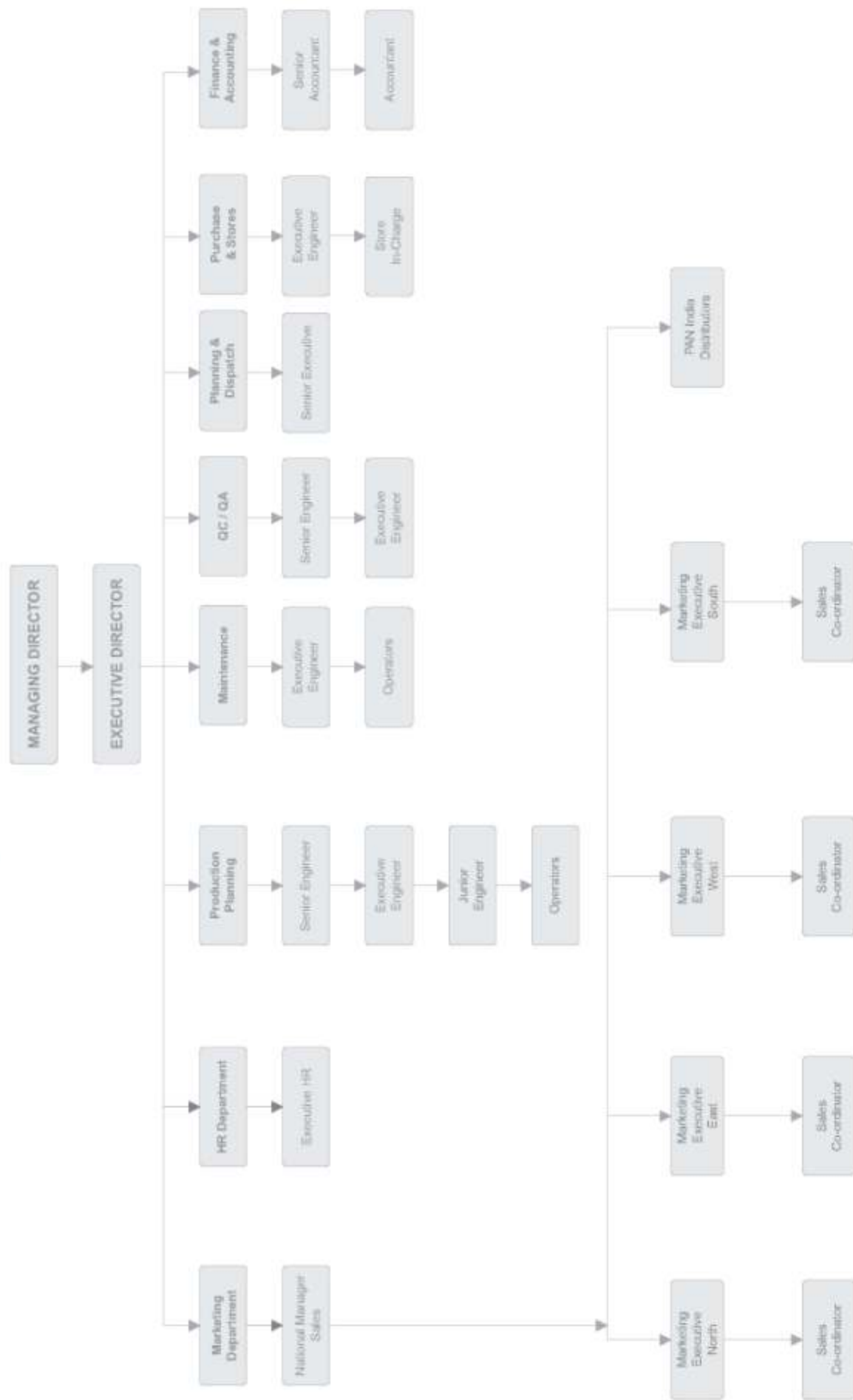
Punjab National Bank  
Central Bank of India  
State Bank of India  
Canara Bank  
Syndicate Bank  
Bank Of Baroda  
The Bank Of Rajasthan  
Oriental Bank of Commerce

# Our Network





# Organisation Chart







**Designed, Manufactured & Marketed by:**  
**KANADIA FYR FYTER PVT. LTD.**  
An ISO 9001:2008 Certified Company

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E-Mail : [info@kanexfire.com](mailto:info@kanexfire.com)

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**Presence at - PAN INDIA**