

# We Make Paper Come Alive!

# Specialty chemicals for paper and paper board industries.

Ivax is an ultimate solution provider for all chemical requirements of a papermaker with its five manufacturing facilities in India, one in Thailand and a JV facility in Russia. Majority of the products manufactured by us are used in wet-end section of paper-making.

Ivax has an experienced in-house team to build, assemble and manufacture automated dosing and feed systems. Our global presence is spread across Thailand, Saudi Arabia, UAE, Russia, Malaysia, Philippines, Vietnam, Indonesia, parts of Europe, Latin Ameria, Africa, Bangladesh, Nepal, Pakistan, etc. with satisfying customer experiences. We deliver quality products in our dedicated tankers and provide round-the-clock on-site technical support and cost-effective solutions to meet your needs.



# **Milestones**

Incorporated in an industrial town called Kallakal, near Hyderabad, India.

Manufacturing facility in Kovai, Tamil
Nadu to cater to growing market in
South India.

First to produce AKD emulsions in India.

State-of-the-art manufacturing facility in Kandy, Andhra Pradesh.
India's largest Paper Chemicals Plant!

First to produce ASA in Asia.

Launched advance range of Surface Sizing products.

New manufacturing facility in
Prachinburi, Thailand for growing
markets in South East Asia.

Manufacturing facility at St.
Petersburg, Russia in association with Avers.

Manufacturing facility in Kathua, for growing market in North India.

Two new Manufacturing facilities:

Kashy, Uttarakhand & Kadod, Gujarat

# **Products**

**Internal Sizing** 

ASA

Rosin emulsions

• AKD emulsions

**Surface Sizing** 

Cationic

Anionic

Retention, Drainage & Formation

CPAM

Micropolymers

APAM

Coagulants

Filler Improvement Programs

For PCC

• For GCC

# Strength

• Wet Strength Resins

• Dry Strength Resins

# Deposit / Scale Control\*

Biocides

Scale Control

• Stickies & Pitch Control

• Machine Clothing & Cleaning

### **Others**

• Tissue Softener\*

• Lint control

Anitifoams

- Dispersant\*
- · Lubricant for Coating

# **Solutions**



# Paper and Board Machines

Ivax offers a complete range of chemicals & equipment for paper sizes, strength resins retention aids biocides deposit control and defoamers.



### **Furnish**

Ivax offers wide range of pulp mill chemicals suitable for all types of chemical wood pulps, de-ink, mechanical & agro-based fibres.



### **Tissue and Towel**

Ivax Offers product to provide desired level of softness and strength properties for various tissue & towel grades.



### **Inkjet Printing**

Ivax's surface sizing range allows better print quality and surface finish.



### **Copier Paper**

Ivax provides products for improving wax pick and toner adhesions fulfilling high speed printing needs.



### **Security Paper**

Ivax internal & surface treatment systems perform well in the complex machines used for special requirements of security papers.



### **Gypsum Board**

Ivax sizing portfolio helps gypsum board producers to meet global quality requirements.



# **Liquid Packaging**

Ivax AKD, cationic rosin sizes combined with our strength, retention & biocide systems meet the unique requirements of the liquid packaging papers segment.



### **Filler Improvement**

Ivax products as suitable for increasing GCC/PCC providing better quality and economics.



### **Strength improvement**

Ivax products include dry and wet strengths that allows furnish adjustment and achieve global quality standards for strength.



# High-Quality Printing and Packaging

Duplex board grades and MG Machines have special chemical needs which are met with Ivax cationic rosin or in combination with ASA, in addition to strength resins, retention polymers and process aids.



### **Newsprint**

With modern printing machines demanding higher quality newsprint, Ivax caters to reduce lint, improve dimensional stability with fewer breaks.

# Feed Systems in Paper Manufacturing Enhancing Efficiency and Quality

Ivax provides customized make down and feed systems for efficient chemical dosing and performance optimization. Our systems are built with high-quality components keeping in mind global safety standards at our advanced plant near Visakhapatnam, India.

Our skilled team of engineers assemble and test each skid before delivering it to our customers. The automation level of each skid is tailored to the customers' needs.





# **Made To Order**

Ivax provides the best skid-mounted systems for smooth operation and minimal down time for customers. Our systems are easy to operate and monitor, and they deliver precise chemical dosing and performance optimization. Ivax also offers tailored systems for any special applications.

# We have equipment readily available for:

- Online ASA emulsification and dosage, with or without mill-cooked starch. Completely automated or semi-automated
- Liquid & Dry Polymer make-down and dosing systems with online dilution facility.
- Singlex and Duplex dosing units with or without online dilution for various dosing applications.
   These can be used with most liquid products, can be customized for special needs and applications.
- Polymer dilution & bentonite make-down units.

# Why Choose Us?



Multilocation facilities, ensuring Just-In-Time deliveries



Unparalleled fleet of own tankers & trucks, ensuring on-time deliveries



Dedicated Research and Development team



Highest Installed Capacity in India, Ready stock of fast moving products



Complimentary Product Portfolio, one-stop solution for entire wet end range!



Strong team of techno-commercial experts



Well Established Supplier Network



An ISO 9001, 14001, 45001, 50001 & Responsible Care Company!



In-house equipment Division

# Join the Green Movement with Ivax



# **Green Chemistry**

Our R&D Team is out to re-formulate products to reduce or eliminate hazardous substances.

# Greener Alternatives For Customers

Ivax's products provide numerous advantages such as improved energy use, recyclability, regulatory compliance etc.

# Water Management Programs

We offer a broad portfolio of products to help our global customers reduce water use and wastewater discharges.

# Signatory To The Chemical Industry's Responsible Care Initiative



# Research & Development

With renewed focus on environment across the globe, end-users are becoming more conscious of the paper they use. Being a responsible care company, Ivax is committed to continual improvement in its products. To achieve this we have set up a new state-of-the-art Research & Innovation Lab at our Kadod facility.

Our team of Lab Chemists, Application Experts & Microbiologists are fully equipped with the latest instruments to facilitate new product development and greener innovations in our existing range.



# **Services**

# **Technical Support**

Ivax has a team of qualified technical experts specialized in sizing, retention and drainage, biocides and deposit control programs. These technical experts are available 24 hours of the day, throughout the year and are just a phone call away. Our chemical make down and feed systems are available either for use with our chemicals or for outright purchase.

### **Technical Services**

On-demand, a detailed plant survey and tests are carried out at the customer's location to select suitable products. We also offer complete technical support during the plant trial to ensure optimal performance and satisfaction.

### Ivax offers technical services for:

- Cost Reduction
- Improving Quality
- Improving Productivity
- Troubleshooting
- Developing customised products/quality









# Our Manufacturing Facilities





# **Get In Touch**

### **India - Corporate Headquarters**

Ivax Paper Chemicals Limited,

Edifice, 6th Cross Kodihalli Bengaluru, 560008, India.

+91 88842 46666



### **Thailand - Sales Office**

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### **Russia - Sales Office**

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