

At K Square Corelynk, we specialize in delivering end-to-end turnkey solutions for liquid packaging plants, including packaged drinking water, beverages, soda, and dairy products. From concept to commissioning, we handle every stage of your project with precision, ensuring a seamless and compliant setup that meets BIS and FSSAI standards.

PROJECT PLANNING & DOCUMENTATION

We begin with a comprehensive project feasibility study and layout planning tailored to your production capacity, location, and budget.

Our documentation team handles all statutory and regulatory paperwork required for establishing a packaged drinking water unit, including:

- BIS (Bureau of Indian Standards) Certification documentation and layout approvals
- FSSAI Licensing support
- Pollution Control Board approvals
- Factory license and local authority compliance
- Preparation of plant layout drawings, water flow diagrams, and process validation reports

CIVIL CONSTRUCTION & STRUCTURAL WORK

Our experienced civil and MEP teams undertake complete construction of the plant, including:

- Foundation and structural works for machinery setup
- Internal and external plumbing and drainage systems
- Electrical panel setup, cabling, and load balancing
- Roofing, flooring, and clean area finishing suitable for food-grade processing
- Raw water storage tanks, product water tanks, and treated water reservoirs

We ensure that the construction aligns with GMP and BIS-recommended standards, maintaining hygiene, safety, and process flow efficiency.

RO PLANT DESIGN AND INSTALLATION

We Source and install Reverse Osmosis (RO) systems customized to the raw water quality and desired production capacity.

Our scope includes:

- Raw water filtration (Sand, Carbon, Micron filters)
- High-pressure pumping systems
- RO membranes and control panels
- UV sterilization and Ozone treatment units
- Product water storage and distribution systems

Each plant is tested for TDS, pH, turbidity, and microbial purity, ensuring BIS-compliant packaged drinking water output.

MACHINERY MANUFACTURING & INTEGRATION

K Square Corelynk manufactures and integrates a wide range of packaging and processing machineries, including:

- 20 Litre Jar Washing & Filling (Fully Automatic & Semi-Automatic)
- Web Sealer with Shrink Tunnel (Fully Automatic & Semi-Automatic)
- Sticker Labelling Machines (Single and Double-Sided)
- Loading and Unloading Conveyors
- UV Laser Printing Machine
- Bottling & Gravity Conveyors

Each machine is built for efficiency, low maintenance, and long-term reliability, ensuring smooth plant operation.

CHEMISTRY & MICROBIOLOGY LABORATORY SETUP

To ensure every drop meets BIS 14543 standards, we design and supply fully equipped in-house laboratories for chemical and microbiological testing.

Our lab setup includes:

- Chemical Testing Equipment: TDS meters, pH meters, conductivity meters, turbidity meters, weighing balances, and reagents.

- Microbiological Testing Equipment: Incubators, laminar airflow units, autoclaves, sterilizers, and culture media.
- Glassware and accessories for sample testing and water analysis.

We also provide standard operating procedures (SOPs) and guidance for daily and periodic testing as required by BIS.

INSTALLATION, TRAINING & COMMISSIONING

Once all components are in place, our technical team performs:

- Complete plant installation and commissioning
- Performance validation of each machine and process line
- Operator training on plant operation, maintenance, and laboratory testing
- Ongoing technical support and service to ensure uninterrupted production

AFTER-SALES SUPPORT

Our commitment doesn't end with installation. We provide:

- AMC (Annual Maintenance Contract) services
- Spare parts supply
- Periodic inspection and calibration
- Process upgradation support as per new BIS revisions

YOUR PARTNER FROM CONCEPT TO REALITY

With years of experience in the packaging industry, K Square Corelynk stands as a trusted partner for entrepreneurs and established brands alike. Our turnkey projects transform your vision into a fully functional, compliant, and profitable plant from documentation to delivery.