

Jci

JAYSONS CHEMICAL INDUSTRIES

Anything Ammonia, Done Right

Supply | Storage | Transfer
Safety | Systems | Projects

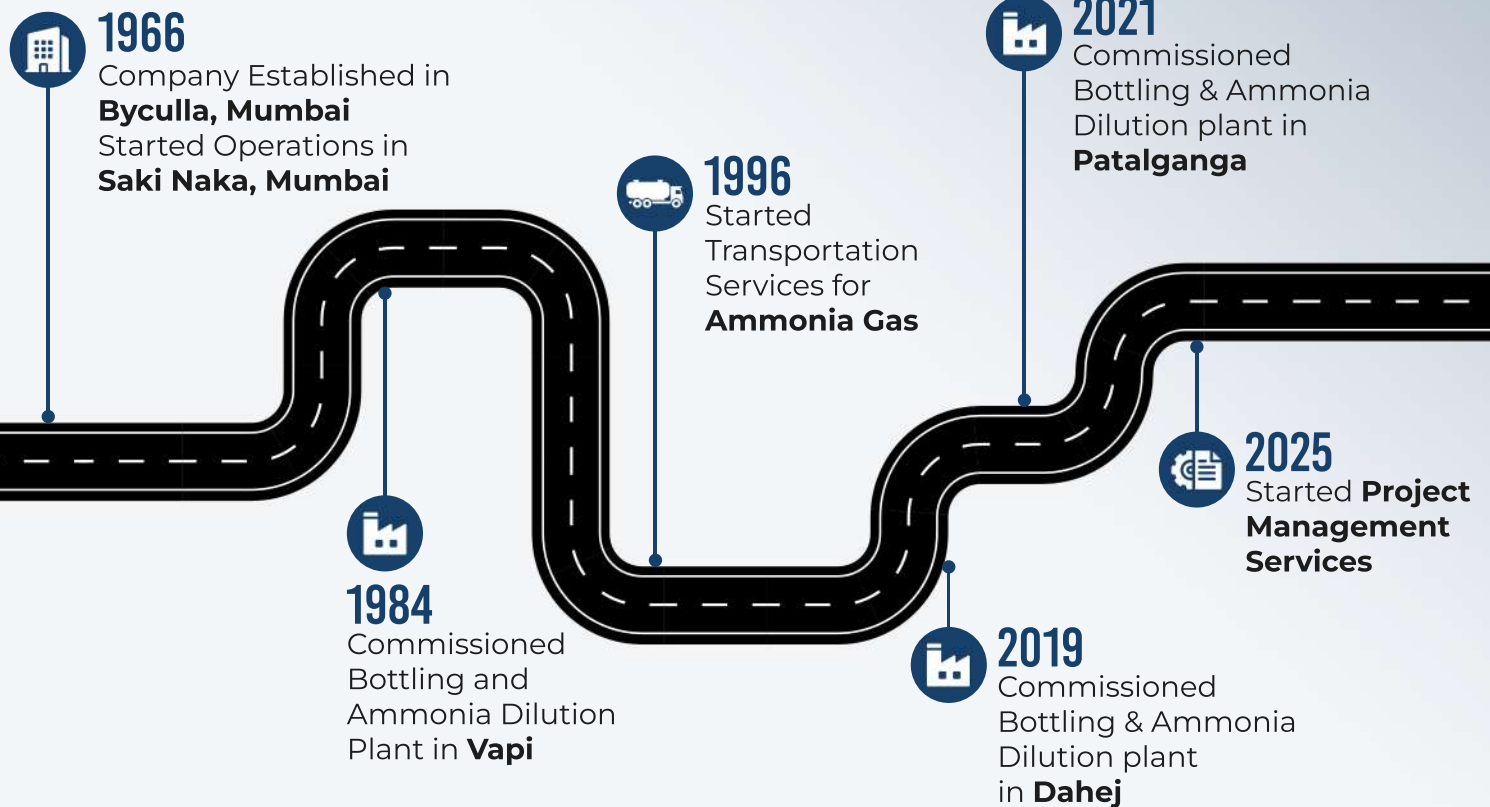


60+
YEARS OF
**AMMONIA
EXPERTISE**



JAYSONS CHEMICAL INDUSTRIES

We are a leading ammonia-focused company with over 60 years of experience in supply and manufacturing of anhydrous ammonia and ammonia solution. With 3 facilities in Gujarat and Maharashtra, and a transport fleet of 60+ ammonia road tankers, the company has strong capabilities in logistics, storage, and safe handling of ammonia. JCI has evolved into an engineering-driven solutions provider, offering project management, storage and equipment systems, safety solutions, and sustainable ammonia services for modern industrial needs.



Mission

Facilitate organic growth through

- Sustainability
- Economies of scale
- By nurturing customer relationships

Vision

Drive positive change in society by

- Having a global reach and a local impact
- Inspiring a culture of responsibility, ethics and safety
- Collaborating and innovating for client success

Values

Facilitate organic growth through

- Customer satisfaction with timely delivery and competitive prices
- Superior quality and consistency of products
- Sustainability concern for environment and community

PRODUCTS

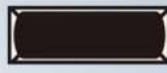
ANHYDROUS AMMONIA



Grades: Technical Grade, Refrigerant Grade



Road Tankers
(7.5 MT, 19 MT, 21 MT)



ISO Tanks – T50
(export only) (~12 MT)



Tonnors
(400 kg)



Cylinder
(50kg, 60kg)

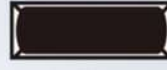
AMMONIA SOLUTION



Grades: Commercial Grade, Analytical Grade



Road Tankers (Domestic)
(10 MT- 29 MT)



ISO Tanks (Export Only)
(~21 MT)



IBCs
(1000L)



Drums
(100L - 250L)



Carboys
(5L - 50L)

METHYL AMINES



Types: Monomethyl Amine (MMA), Dimethyl Amine (DMA), Trimethyl Amine (TMA), Anhydrous, Solution (30%-40%)



Road Tankers
Anhydrous (14 MT)
Solution (15 MT+)



ISO Tanks
Anhydrous (15 MT)
Solution P11 (18 MT)



Tonnors
(500 kg)



Cylinder
(50kg)



Drums
(170kg)

SULPHUR DIOXIDE



Grades: Technical Grade



Tonnors
(900 kg)



Cylinder
(50kg, 100kg)

SERVICES

✓ Anhydrous Ammonia Supply & Bottling

Reliable sourcing, filling, and distribution of ammonia in cylinders (50kg, 60kg)/tonners (400kg). Ensures consistent quality, safety compliance, and timely delivery.

✓ Export Execution

For anhydrous ammonia and ammonia solution including UN approved packing, documentation, hazardous material logistics, and compliance. Expertise in shipping to over 15+ countries.

✓ Ammonia Solution Manufacturing

In-house production and white labeling of high-quality ammonia solutions (20%-28%) with controlled concentrations and specification parameters. End to end order execution including material, packaging, and transportation.

✓ Cylinder / Tonner Testing & Certification

Periodic inspection, degassing, maintenance, servicing, valve repairing, painting, hydrotesting and certification, lifecycle management of ammonia cylinders and tonners to ensure operational safety and uninterrupted operations.

✓ Degassing (ISO Tanks, Tankers, Cylinders)

Safe removal of residual ammonia vapors before inspection, maintenance or reuse to minimize hazards. Available at all 3 JCI locations, the process involves recovery methods to minimize emissions and to ensure operator safety.

✓ Cylinder / Tonner Tracking Software

Digital tracking system with infrared sensors for real-time monitoring of cylinders Improves logistics efficiency, traceability, and streamlines inventory control.

✓ Safety & Compliance Services

Comprehensive audits, training, hazard identification, risk assessment, HAZOP, mock drills, AMC of fire equipment, PPE guidelines, while maintaining safe and reliable plant operations.

JAYSONS TRANSWAYS PRIVATE LIMITED



CLIENTS WE SERVE



SERVICES

✓ Bulk Ammonia Logistics & Transportation

Specialized logistics of ammonia and hazardous chemicals for safe bulk transport via road tankers through a managed logistics network. Focused on reliability, safe handling, protocols, and timely delivery.

✓ Green Ammonia Logistics & Handling

Supply and handling of for green ammonia value chains with a focus on ESG-aligned industrial operations. Support clients in transitioning to lower-carbon inputs and building sustainable supply chains.

JAYSONS PROJECTS PRIVATE LIMITED

Jaysons Projects Private Limited is the engineering and project execution arm of the Jaysons Chemical Industries, focused on delivering structured, reliable, and safety-driven industrial solutions for ammonia projects. The company specialises in project management, engineering support, and execution of ammonia and industrial systems, including storage, handling, transfer, and safety infrastructure.

With a strong foundation in ammonia handling and industrial operations, Jaysons Projects Private Limited combines practical experience with disciplined engineering design and execution to support clients across chemicals, energy, and manufacturing sectors. The focus remains on delivering technically sound, compliant, and efficient solutions from concept to commissioning.



Ammonia Transfer Package

Design and implementation of ammonia storage, unloading, and transfer systems to production. Includes DCS systems for tank systems, piping networks, vapour handling, pumps, compressors, safety equipment, and integration with plant utilities based on operational requirements.



Ammonia Safety Package

Deployment of PLC based ammonia specific safety system including systems for leak detection, gas monitoring, alarm systems, fogging, scrubbing with knockout drums and column to limit ammonia exposure. These systems are designed for early detection, compliance, all with applicable region-specific safety standards.



Engineering & EPC Support

Full-spectrum engineering from concept to commissioning. Delivering turnkey ammonia infrastructure solutions with phase-wise approach of collecting requirements, planning, basic engineering design (PFD, P&ID, PDS, BOQ), HAZOP workshops, QRA (Aloha), 3D modeling, load and stress analysis, detailed engineering design (mechanical, civil, electrical, instrumentation, I/O, safety), vendor assessment, bid leveling, procurement, PESO approvals and necessary compliance.



Project Management

Structured execution of ammonia and industrial projects covering planning, scheduling, vendor coordination, and site integration. Focused on delivering projects with defined timelines, cost control, and technical alignment for performance and safety across all stakeholders.



Equipment & System Supply

Supply of critical equipment such as pumps, compressors, flow meters, valves, hoses, loading arms, leak detection, and instrumentation tailored for ammonia service. Equipment selection is aligned with process conditions, safety requirements, and long term operational reliability.



Ammonia Storage Infrastructure

Design and installation of bullets and atmospheric storage systems. Optimized for safety, scalability, and regulatory compliance.



PESO Applications & Approvals

End-to-end support for obtaining and maintaining PESO licensing for storage and handling systems. Covers documentation, system design alignment, and coordination with regulatory authorities which facilitates smooth approvals for SMPV rules and onsite installations.



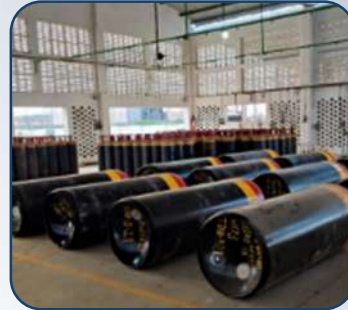
DeNOx Systems

Design and implementation of emission control and process systems including DeNOx (SCR/SNCR) and ammonia scrubbing solutions. Focused on regulatory compliance and reduction of environmental impact. Supports emission control for cement and power plants and industrial units.

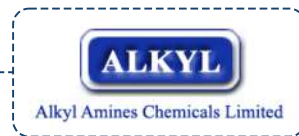


Scrubber Systems

Custom designed ammonia scrubbing systems for containment of vapours during venting and maintenance operations. Systems are engineered based on inlet ppm levels, flow rates, MOC, space constraints, and energy considerations to ensure efficient performance, regulatory compliance, and seamless integration with existing facilities.



OUR CUSTOMERS



CONTACT DETAILS



MUMBAI [Head Office]

801, 8th Floor, Peninsula Park,
Plot No. A4, End of Veera Desai
Road, Andheri (W), Mumbai,
Maharashtra- 400053



inquiry@jaysons.in



+91 8591 4391 75



www.ammoniagas.com



FACTORIES

VAPI: Plot No. 317/7, 40 Shed Area,
Phase III, GIDC Vapi, District - Valsad,
Gujarat - 396195

DAHEJ: D-3/ 24/7 GIDC, Phase III, Dahej,
Village - Samatpor, Taluka - Vagra,
District - Bharuch, Gujarat - 392130

PATALGANGA: Plot No. E-11, Additional
Patalganga MIDC Industrial Area,
Rasayani, Taluka: Panvel, Dist: Raigad,
Maharashtra 410220



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KNOW MORE