



ENGINEERING THE BACKBONE OF CLEAN MOBILITY

BUILD • EQUIP • MAINTAIN

CNG

CBG

CITY GAS DISTRIBUTION

HYDROGEN-READY

RECOGNITION

DPIIT-Recognised Startup

MANAGEMENT SYSTEMS

ISO 9001 • 14001 • 45001

AUTHORISED CHANNELS

OPW CleanEnergy • Chicago Pneumatic •
Parker via MechTech

01 ABOUT MECHINFRA ENERGY SOLUTIONS PVT LTD

COMPANY STORY

MechInfra Energy Solutions Pvt. Ltd. was established to address a critical gap in India's rapidly expanding gas mobility infrastructure. As City Gas Distribution networks grew, project owners often had to manage separate vendors for station construction, fuelling equipment, cascade systems, and maintenance, leading to delays, higher costs, and unclear accountability.

MechInfra brings these capabilities together as a single engineering partner for the CNG, CBG, and CGD ecosystem across North and South India. Its four integrated verticals include Operations & Maintenance, authorised distribution of OPW CleanEnergy fuelling products, indigenous cascade manufacturing, and high-pressure station tubing and piping systems.

Led by professionals with over 17 years of experience in CGD projects, commissioning, and station operations, MechInfra combines authorised OEM products with in-house installation, commissioning, maintenance, and technical support. This integrated approach simplifies execution, shortens delivery timelines, and delivers reliable end-to-end accountability.

"One partner to build, equip, and maintain your station throughout its operational lifecycle."

THE MECHINFRA PROMISE



COMPANY SNAPSHOT

At a Glance

LEGAL ENTITY	MechInfra Energy Solutions Pvt. Ltd.
DPIIT INDUSTRY	Renewable Energy Solutions
RECOGNITION	DPIIT Startup — Cert. DIPP254146
GROUP COMPANY	MechTech Energies & Consultant
CERTIFICATIONS	ISO 9001:2015 · 14001:2015 · 45001:2018
SECTOR FOCUS	CNG / CBG / City Gas Distribution / Hydrogen-ready infrastructure
CORE CAPABILITIES	O&M · CleanEnergy Equipment Distribution · Cascade Manufacturing · Station Tubing & Piping
KEY AUTHORISATIONS	OPW CleanEnergy (Dover) · Chicago Pneumatic · Parker via MechTech
GEOGRAPHIC REACH	North India + active operations in Telangana & Tamil Nadu
REGISTERED OFFICE	907, Tower-Offices, SS Omnia, Sector 86, Gurugram, Haryana 122001
WAREHOUSE OFFICE	Plot No. 123, Sec-7, IMT Manesar, Gurgaon, Haryana 122050

VISION

To be India's most dependable single-window partner across the gas-station lifecycle.

MISSION

- Maximise station uptime and safety through certified hardware and OEM-authorised maintenance.
- Shorten timelines and reduce landed cost through indigenous manufacturing.
- Guarantee material integrity through authorised channels, exclusively.
- Bring operator-grade engineering judgement to every engagement.



02 WHY MECHINFRA

WHAT SETS US APART

Four defining strengths separate MechInfra from a conventional equipment trader or a single-discipline contractor.

01

OPERATOR HERITAGE

Built on hands-on experience in CNG project execution and station operations, with engineering decisions shaped by real-world expertise.

02

SINGLE-WINDOW LIFECYCLE

Build, equip and maintain, handled by one accountable team. The engineer who specifies the tubing is connected to the team that later maintains it.

03

AUTHORISED CHANNEL DEPTH

Authorised access to OPW CleanEnergy and Parker Hannifin (via MechTech), delivering genuine, traceable, and warranty-backed solutions.

04

INDIGENOUS MANUFACTURING

Cascades and tubing packages built in India to cut lead time and landed cost, without compromising engineering control or standards.

CORE VALUES

The operating principles that govern every engagement, from a single nozzle supply to a full turnkey station.

01

SAFETY FIRST

High-pressure gas leaves no margin for error.

02

ACCOUNTABILITY

One organisation owns the outcome from start to finish.

03

AUTHENTICITY

Genuine, traceable material through authorised principals.

04

INDIGENISATION

Built in India, where it cuts cost without cutting standards.

05

PARTNERSHIP

Long-term AMC relationships, not transactional supply.

06

COMPETENCE

Trained, authorised technicians behind every scope.



03 CORE BUSINESS VERTICALS

FOUR INTEGRATED VERTICALS

Each vertical is a complete capability in its own right; together they form a continuous lifecycle offering from station build to long-term maintenance. A client may engage one vertical, or the whole chain.

Vertical 01

O&M / MAINTENANCE SERVICES

CAMC, authorised Chicago Pneumatic compressor maintenance, station & dispenser O&M, breakdown support, spares management.

Vertical 02

CLEAN ENERGY FUELLING PRODUCTS

Authorised OPW CNG, LPG & H₂ nozzles, breakaways, receptacles, hose retractors, systems and accessories.

Vertical 03

CASCADE MANUFACTURING & ASSEMBLY

Indigenous CNG / Bio-CNG cascades, skid-mounted units, station-type configurations, framework and testing.

Vertical 04

HIGH-PRESSURE TUBING & PIPING SYSTEMS

SS seamless tubing, Parker tube fittings & valves, manifolds, interconnection piping, testing and commissioning.

THE MECHINFRA – MECHTECH GROUP ECOSYSTEM

MechInfra, together with its Group Company, **MechTech Energies & Consultant**, delivers integrated engineering and infrastructure solutions for the clean energy sector. While MechInfra specialises in project execution, Operations & Maintenance, cascade manufacturing, and high-pressure tubing systems, MechTech Energies & Consultant complements these capabilities as an authorised distributor of Parker Hannifin Instrumentation Products and an established stockist of high-pressure system components. Together, the two companies provide a single-window solution backed by genuine products, engineering expertise, and end-to-end project accountability.

ONE LIFECYCLE

**One partner.
Every stage.**

01

**Build &
manufacture**

02

**Equip with
authorised
OEMs**

03

**Commission &
support**

04

**Maintain for
the long term**



04 PRODUCTS & SOLUTIONS

AUTHORISED OPW CLEAN ENERGY FUELLING HARDWARE

MechInfra is an authorised distributor of OPW CleanEnergy Fuelling Products, a Dover company and a global leader in clean-fuel dispensing solutions. Backed by in-house inventory, technical application support, and dedicated O&M services, MechInfra delivers integrated lifecycle solutions for CNG, Bio-CNG (CBG), LPG (Autogas), and hydrogen fuelling infrastructure, extending value far beyond product supply.

CNG / CBG

- Fast-fill nozzles across NGV1 connection profiles
- Certified breakaways (NGV 4.4) for cars, buses & fleets
- Forecourt hose retractors
- Vehicle-side receptacles
- Adaptors, filters, seals & service kits
- Complete Type-2 fuelling systems for CNG and Bio-CNG (CBG) applications

P30 (3,000 psi) and P36 (3,600 psi) settled-pressure classes, temperature-compensated for fast fill.

LPG (Autogas)

- Robust Autogas dispensing nozzles
- Adaptors & service components

Engineered for safe, standards-aligned Autogas dispensing.

Hydrogen

- H35 fuelling nozzles for 350-bar mobility refuelling

Positions client stations for a hydrogen-ready future.

OPW Fibrelite® Composite Access Covers

- Lightweight composite access covers with exceptional strength and durability.

Designed for CNG stations, utilities, and demanding industrial environments.

GOVERNING STANDARDS

NGV 1
Fuelling
connection
devices

NGV 4.1
CNG
dispensing
systems

NGV 4.2
Hoses for NG
vehicles

NGV 4.4
Breakaway
devices

NGV 4.6
Manually
operated valves

DISTRIBUTOR VALUE-ADD

More than supply: practical advantages that make every product decision easier to implement, maintain, and trust.

Local Inventory

01

Faster availability, reduced lead times, and no import delays for critical station requirements.

Technical Expertise

02

Application-focused product selection backed by engineering insight and fit-for-purpose guidance.

In-House Service

03

Dedicated after-sales care supported by MechInfra's experienced O&M and field teams.

Genuine OEM Products

04

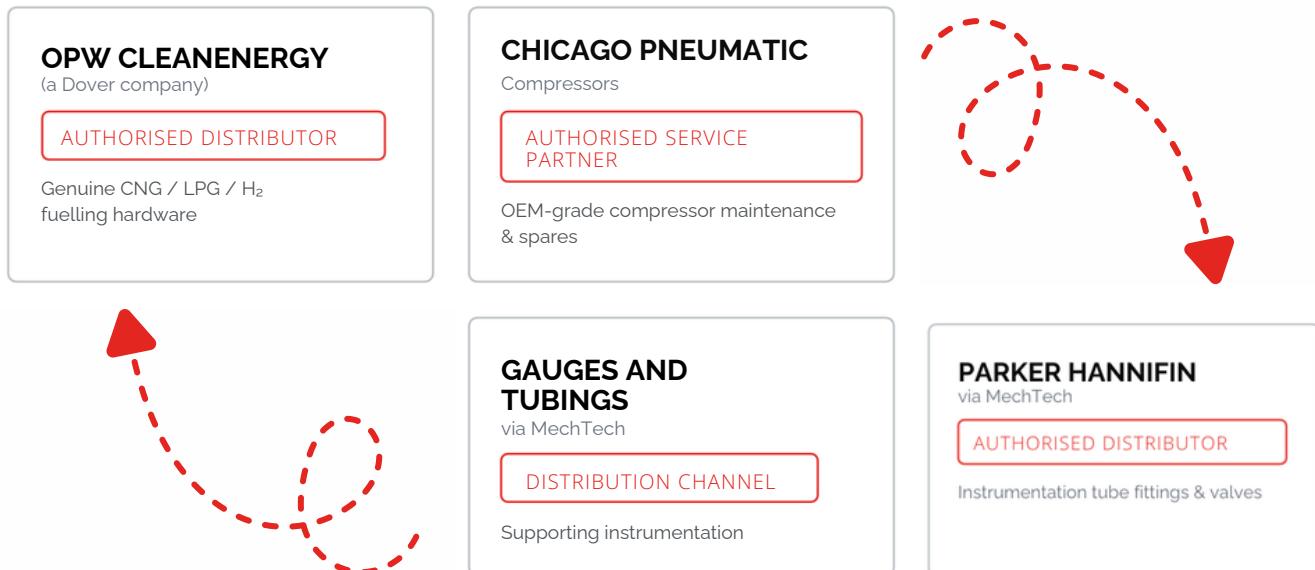
Authorised, fully traceable products supported by manufacturer warranties and dependable documentation.



05 PARTNERSHIPS & CERTIFICATIONS

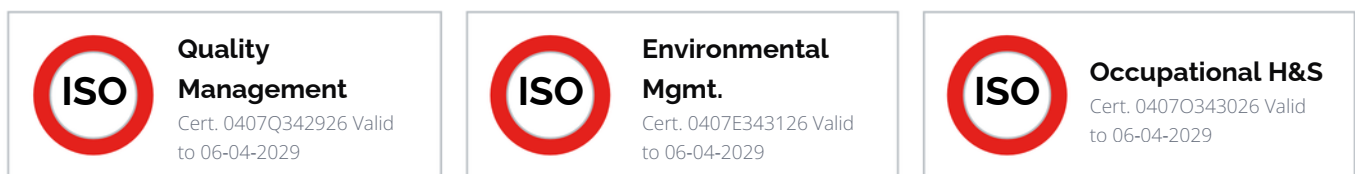
AUTHORISED PRINCIPALS & MANUFACTURING PARTNERS

MechInfra's authorised partnerships and industry certifications reflect its commitment to quality, authenticity, and engineering excellence. Clients benefit from genuine products, manufacturer-backed warranties, and reliable access to original spares.



CERTIFIED MANAGEMENT SYSTEMS

Independently assessed and certified by Toris Management Pvt. Ltd. (IAF / EGAC-accredited), maintained through annual surveillance audits.



DPIIT / STARTUP INDIA RECOGNITION

Certificate No. DIPP254146. Industry: Renewable Energy Solutions



CASCADE MANUFACTURING & ASSEMBLY

MechInfra designs and manufactures CNG and Bio-CNG cascades and skid-mounted units through an exclusive manufacturing and distribution partnership with Jayfe Cylinders. Combining indigenous manufacturing with engineering expertise, the company delivers high-quality cascade solutions with shorter lead times, reduced import dependence, and greater cost efficiency. Every solution is engineered, manufactured, and rigorously tested to meet the highest standards of safety, reliability, and performance.

ONLINE STATION

MOTHER STATION

DAUGHTER STATION

DAUGHTER-BOOSTER

LCNG STATION

CBG PLANTS

- Multiple configurations and water capacities, stationary or transport-mounted.
- Three-line (low / medium / high) priority-fill arrangements where required
- Pressure testing, documentation and PESO-aligned compliance support

ENGINEERING & DESIGN CAPABILITY

Every project is driven by sound engineering judgement, ensuring materials, systems, and layouts are selected to meet operational requirements and industry standards.

- Pressure-design-driven tubing and fitting selection
- Cascade configuration to station throughput and transport mode.
- Bill-of-material engineering across tubing, fittings, valves and hardware.
- Material certificates, test records and as-built documentation.

HIGH-PRESSURE TUBING & PIPING SYSTEMS

MechInfra delivers complete engineered solutions using premium seamless stainless steel tubing, Parker instrumentation fittings, valves, and manifolds sourced through authorised channels. Every system is installed, tested, and commissioned to ensure quality, safety, and long-term performance.

01

SEAMLESS STAINLESS STEEL TUBING

316 and 316L grades offer superior corrosion resistance, controlled hardness, full material traceability, and dependable high-pressure performance.

02

TUBE FITTINGS & VALVES

Genuine Parker instrumentation fittings, valves and manifolds ensure product authenticity, operational reliability, and long-term performance.

03

TESTING & DOCUMENTATION

Pressure testing, material certificates and as-built records create a transparent handover for every engineered scope.

04

INSTALLATION & COMMISSIONING

Experienced field teams install, test and commission systems with safety and operational readiness at the centre.



07 PROJECT EXECUTION METHODOLOGY

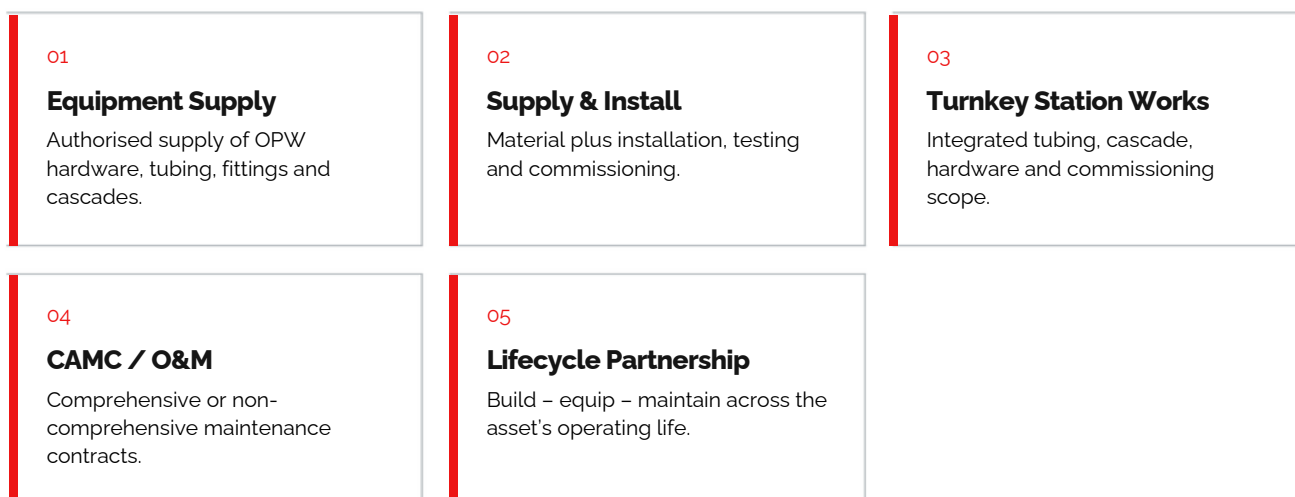
A STAGE-GATED APPROACH

MechInfra follows a structured project delivery approach that ensures every stage is executed with precision, consistency, and accountability. From initial planning and engineering to procurement, installation, commissioning, and long-term maintenance, every project is managed with a focus on quality, safety, and operational excellence.



COMMERCIAL & ENGAGEMENT MODELS

Flexible engagement models tailored to the unique requirements of every project, from equipment supply to complete lifecycle support.



08 INDUSTRIES & SERVICES

SECTORS & APPLICATIONS

MechInfra supports every stage of India's clean energy infrastructure, serving City Gas Distribution networks, CNG stations, Bio-CNG plants, hydrogen mobility projects, and industrial gas applications.

01

CITY GAS DISTRIBUTION

Engineering, high-pressure tubing, dispensing systems, cascades, and CAMC support for CGD networks.

02

CNG DISPENSERS

Supply, installation, commissioning, servicing, and lifecycle maintenance of CNG dispensing systems.

03

CAMC SERVICES

Comprehensive Annual Maintenance Contracts covering compressors, dispensers, station equipment, and preventive maintenance.

04

CNG CASCADE MANUFACTURING

Engineering, manufacturing, testing, and supply of stationary and transport cascades for CNG and Bio-CNG applications.

05

CBG / BIO-CNG PLANTS

Cascade systems, dispensing infrastructure, tubing, and balance-of-plant engineering for Bio-CNG facilities.

06

PARKER FITTINGS & TUBING

Authorised supply of Parker instrumentation fittings, valves, manifolds, and seamless stainless steel tubing.

07

LCV FILL POSTS

Supply, installation, and support for LCV fill posts designed for safe and efficient refuelling operations.

08

HYDROGEN MOBILITY

Hydrogen-ready fuelling hardware, H35 nozzles, and high-pressure infrastructure solutions.

09

INDUSTRIAL GAS APPLICATIONS

Instrumentation systems, gas distribution networks, valves, manifolds, and engineered piping solutions.

CLIENTELE & ECOSYSTEM

MechInfra serves City Gas Distribution companies, CNG and Bio-CNG infrastructure, industrial gas users, and emerging hydrogen mobility projects. Its capabilities are strengthened by a trusted network of authorised OEM partners and manufacturing associates, ensuring quality, reliability, and seamless project delivery.



09 TRACK RECORD & CAPABILITIES

REPRESENTATIVE ENGAGEMENTS

MechInfra's growing portfolio reflects its expertise across project execution, engineering, manufacturing, and lifecycle support. Detailed project references and case studies are available upon request.

Capability 01

MULTI-STATE CAMC SERVICES

Delivering Comprehensive Annual Maintenance Contract (CAMC) services for City Gas Distribution stations across multiple locations, ensuring reliable operations, preventive maintenance, and lifecycle support.

Capability 02

CASCADE MANUFACTURING & ASSEMBLY

Engineering, manufacturing, assembly, and testing of high-pressure cascade systems for CNG and Bio-CNG applications, delivering reliable, safe, and cost-effective storage solutions.

Capability 03

OPW CLEAN ENERGY — AUTHORISED DISTRIBUTOR

Authorised distribution of OPW CleanEnergy fuelling solutions for CNG, LPG, and hydrogen applications, backed by technical support and after-sales service.

Capability 04

PARKER INSTRUMENTATION & TUBING SYSTEMS

Integrated high-pressure tubing systems featuring Parker instrumentation fittings, valves, manifolds, and engineered assemblies for CNG, Bio-CNG, CGD, and industrial gas applications.

WHY MECHINFRA — VALUE PROPOSITION

DIFFERENTIATOR	CLIENT BENEFIT
Single-Window Lifecycle	One accountable partner from tubing to maintenance
Operator Heritage	Engineering judgement from people who have run stations
Authorised Channels	Genuine OPW and Parker material, fully traceable
Indigenous Manufacturing	Lower cost and lead time on cascades and tubing
Multi-State Delivery	Proven CAMC execution across regions



10 QUALITY, SAFETY & SUSTAINABILITY

QUALITY, SAFETY, SUSTAINABILITY & COMPLIANCE

Quality and safety are at the core of everything MechInfra does. Every project combines authorised, certified products with disciplined execution and rigorous quality assurance to deliver reliable, compliant, and high-performing solutions.

01

QUALITY ASSURANCE

Quality is embedded in every stage of our operations through certified management systems, authorised products, and rigorous quality controls. Every project is supported by complete material traceability and documented inspection records.

02

HEALTH, SAFETY & ENVIRONMENT

MechInfra follows disciplined HSE practices across installation, commissioning, and maintenance. Safe work procedures, hazard awareness, and regulatory compliance ensure the highest standards of workplace safety.

03

TESTING & COMPLIANCE

Every system is thoroughly tested and inspected before commissioning to ensure compliance with applicable standards, reliable performance, and complete documentation throughout the project lifecycle.

04

SUSTAINABILITY COMMITMENT

MechInfra supports India's clean energy transition through CNG, Bio-CNG, and hydrogen infrastructure, while promoting indigenous manufacturing and sustainable engineering practices for a cleaner future.

ASSURANCE IN PRACTICE

A consistent, documented approach turns these commitments into dependable outcomes at every station and across every operating phase.

01

SELECT

Authorised, certified components selected for application, safety and durability.

02

VERIFY

Testing, inspection and traceability maintained through installation and handover.

03

SUSTAIN

Practical O&M support that protects safe, compliant long-term performance.

QUALITY IS A CONTINUOUS RESPONSIBILITY

From product selection and engineering to testing, commissioning and maintenance, MechInfra maintains the discipline needed to deliver safe, reliable infrastructure.

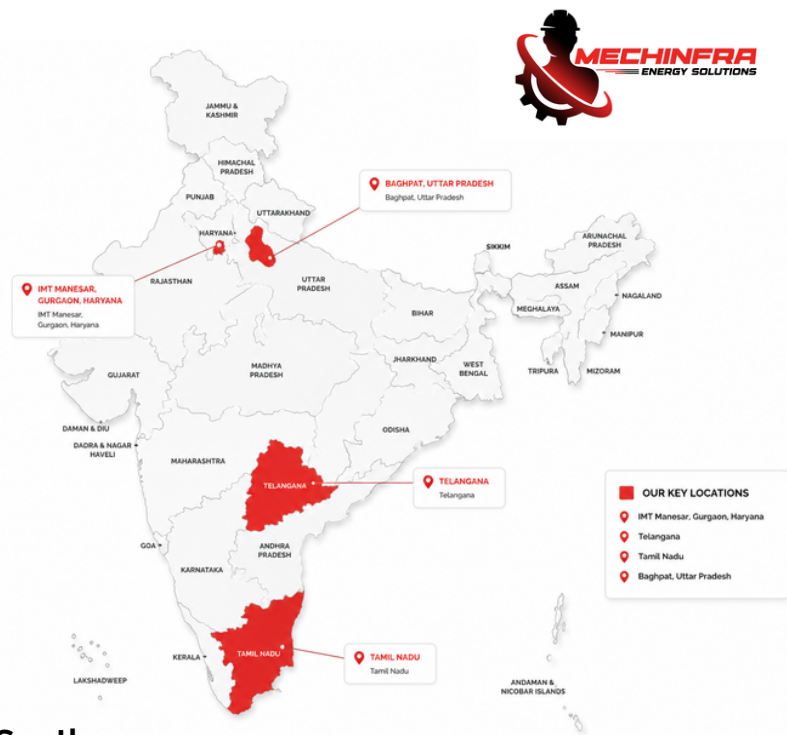


11 GEOGRAPHIC FOOTPRINT

OPERATIONAL REACH

Headquartered in Gurugram, National Capital Region (NCR), MechInfra serves clients across North India while maintaining an active operational presence in South India, including ongoing CAMC engagements in Telangana and Tamil Nadu. Its scalable delivery model enables the company to support the growing infrastructure needs of India's expanding City Gas Distribution (CGD) network.

REGISTERED OFFICE	907, Tower-Offices, SS Omnia, Sector 86, Gurugram, Haryana — NCR
PRIMARY REGION	North India
ACTIVE OPERATIONS	Telangana & Tamil Nadu (CAMC)
GROWTH ORIENTATION	Pan-India CGD & hydrogen-ready infrastructure



**Built for North India. Proven across the South.
Structured for pan-India scale.**

HOW WE SCALE

A connected delivery model gives project owners a single engineering partner with the reach to support site-specific needs across regions.

01

HQ & ENGINEERING

Gurugram-based coordination, technical planning and project ownership.

02

FIELD EXECUTION

Regional site support for installation, commissioning and equipment integration.

03

LONG-TERM SUPPORT

Ongoing CAMC, maintenance and spare-parts support across operating assets.

ONE PARTNER, MULTI-REGION DELIVERY

MechInfra combines central engineering discipline with responsive regional execution to deliver reliable gas-mobility infrastructure wherever clients need it.



12 FUTURE READY

FUTURE READY

MechInfra is committed to supporting India's clean energy transition by building, equipping, and maintaining the infrastructure that powers cleaner mobility. With expertise spanning CNG, Bio-CNG, and emerging hydrogen applications, the company is well positioned to support the next generation of sustainable energy infrastructure.

01

HYDROGEN

Hydrogen-ready fuelling solutions designed to support the future of zero-emission mobility and next-generation energy infrastructure.

02

COMPRESSED BIO-GAS

Supporting India's circular economy through Bio-CNG infrastructure that transforms organic waste into clean, renewable fuel.

03

CLEAN MOBILITY

Enabling cleaner transportation with reliable infrastructure for CNG and Bio-CNG across India's expanding energy network.

04

INNOVATION & GROWTH

Driven by indigenous manufacturing, authorised OEM partnerships, and scalable engineering solutions for the future of clean energy.

BUILT FOR THE NEXT DECADE

Future readiness is delivered through practical capabilities that keep pace with changing fuels, station requirements, and customer expectations.

01

ADAPTABLE ENGINEERING

Engineering that accommodates new applications, evolving standards, and station expansion.

02

AUTHORISED TECHNOLOGY

Trusted OEM products and genuine components that underpin dependable infrastructure.

03

LIFECYCLE CAPABILITY

Build, equip and maintain support that protects long-term operating performance.

CLEAN ENERGY, PRACTICALLY DELIVERED

MechInfra combines forward-looking technology with accountable engineering execution to help clients build infrastructure that remains relevant as mobility evolves.





LET'S BUILD THE FUTURE OF CLEAN ENERGY, TOGETHER.

Whether you're planning a new project, expanding existing infrastructure, or seeking a reliable engineering partner, MechInfra is ready to support your journey with integrated solutions, trusted products, and expert execution.



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