



SOURCING THE BACKBONE OF CLEAN MOBILITY

SOURCE • VERIFY • DELIVER

CNG

CBG

CITY GAS DISTRIBUTION

HYDROGEN-READY

INDUSTRIAL GAS

POSITIONING

Single-Window Procurement
& OEM Aggregation

ANCHOR PARTNERSHIP

Authorised Parker
Hannifin Distributor

OEM NETWORK

Parker • AN Instrumentation •
OPW CleanEnergy and Chicago
Pneumatic via MechInfra

COMPANY STORY

MechTech Energies & Consultants was established to close a structural gap in India's fast-expanding gas infrastructure supply chain. As City Gas Distribution, CNG and CBG networks scaled across the country, project owners found themselves coordinating an ever-longer chain of separate vendors — one for instrumentation, another for flow control hardware, a third for cascades, a fourth for dispensing equipment. Every handoff added cost, delay and ambiguity over who owned a problem when it appeared.

MechTech exists to collapse that chain into a single accountable relationship. The Company operates as a single-window procurement and sourcing partner, aggregating a vetted network of OEMs, anchored by an authorised distribution partnership with Parker Hannifin, so that every project gets the most technically suitable, authentic equipment without managing multiple suppliers.

MechTech is a group company of MechInfra Energy Solutions Pvt. Ltd. While MechInfra builds and maintains gas stations, MechTech ensures the right products reach them — genuine, traceable and matched to specification, under one shared standard of authenticity.

“One relationship, verified products, and a documentation trail that holds up under audit — from quote to commissioning support.”

THE MECHTECH PROMISE

200+

CNG STATIONS
SUPPORTED

17+

YEARS FIELD
EXPERTISE

6

AUTHORISED
OEM PARTNERS

COMPANY SNAPSHOT

At a Glance

LEGAL ENTITY	MechTech Energies & Consultants
GROUP COMPANY	MechInfra Energy Solutions Pvt. Ltd.
BUSINESS MODEL	Single-Window Energy Procurement & OEM Aggregation
ANCHOR PARTNERSHIP	Authorised Distributor — Parker Hannifin
OEM NETWORK	Parker · AN Instrumentation · OPW CleanEnergy and Chicago Pneumatic via MechInfra
SECTOR FOCUS	CNG / CBG / City Gas Distribution / Hydrogen-ready infrastructure
REGISTERED OFFICE	Office No. 1211, 12th Floor, SS Omnia, Sector 86, Gurugram – 122004
REGISTERED OFFICE	Plot 123, Sector-7, IMT Manesar, Gurugram, Haryana 122050

VISION

To be India's most trusted single-window procurement partner across the gas infrastructure lifecycle.

MISSION

- Guarantee product authenticity through authorised channels, exclusively.
- Match specification to product with applied field judgment.
- Simplify procurement across a fragmented vendor landscape.

WHAT SETS US APART

Four defining strengths separate MechTech from a conventional equipment trader or a single-brand supplier.

01**NEUTRAL BY DESIGN**

Not locked to one OEM's catalogue — MechTech recommends what the project actually needs, curated across a vetted network.

02**SINGLE-WINDOW ACCOUNTABILITY**

One commercial relationship, one documentation trail, one team responsible for the outcome — from quote to commissioning support.

03**AUTHORISED CHANNEL DEPTH**

Parker Hannifin distribution plus a network of certified OEMs — genuine, traceable, warranty-backed material only.

04**OPERATOR-GRADE JUDGEMENT**

Selection support grounded in 17+ years of real CGD and CNG station experience — not a catalogue lookup.

CORE VALUES

The operating principles that govern every engagement, from a single fitting to a full station procurement scope.

CLARITY

Specs, vendors & deliverables aligned from day one.

ACCOUNTABILITY

One organisation owns the outcome, start to finish.

AUTHENTICITY

Genuine, traceable material through authorised channels only.

FIT

Matched exactly to performance & reliability needs.

PARTNERSHIP

Long-term relationships, not transactional supply.

MOMENTUM

Projects move forward without disconnects or delay.

HOW WE'RE ORGANISED

MechTech integrates six normally-fragmented sourcing and execution-support disciplines into one coordinated procurement relationship.

VERTICAL 01**INSTRUMENTATION
& FLOW CONTROL**

Genuine Parker tubing, fittings, valves and manifolds, plus pressure regulation (PRS/DCU) and gas booster systems, sourced with full material traceability.

VERTICAL 02**HIGH-PRESSURE
SYSTEMS**

Cascade storage and compression systems for CNG and CBG stations, matched to throughput, duty cycle and transport mode.

VERTICAL 03**GAS HANDLING
& DISPENSING**

CNG/CBG dispensers, LCV filling posts and hydrogen-ready fuelling hardware for CGD networks and fleet refuelling.

VERTICAL 04**CAMC & O&M
SERVICES**

Maintenance and operational support for gas infrastructure systems — servicing, breakdown support, troubleshooting and performance monitoring.

VERTICAL 05**EPC & PMC
EXECUTION**

Engineering coordination, procurement and project execution support for CGD and gas infrastructure projects, ensuring timely and compliant delivery.

VERTICAL 06**ENGINEERING &
COMPLIANCE
SUPPORT**

Specification review, OEM curation, documentation and PESO/PNGRB/OISD-aligned compliance support across the sourcing lifecycle.

WHY AGGREGATION, NOT OWNERSHIP

MechTech does not manufacture equipment or execute construction — that discipline sits with our group company, MechInfra Energy Solutions. MechTech's role is judgment: matching project specification to the right product across a vetted OEM network, then standing behind the sourcing decision with documentation and accountability. This vendor-neutral model ensures MechTech remains entirely objective.

Our recommendations are driven by what your station or project actually requires, matching precise pressure classes, duty cycles, and compliance standards rather than pushing a single manufacturer's catalog. This independence also gives MechTech the flexibility to adapt to your exact operational structure, moving fluidly between pure supply engagements and full EPC/PMC management based on your project's needs."



ANCHOR PARTNERSHIP**AUTHORISED PARKER HANNIFIN DISTRIBUTOR**

Parker Hannifin is a global leader in motion and control technologies, with instrumentation, tubing, and fittings specified for safety-critical gas systems due to their proven consistency and full traceability. As an authorized distributor, MechTech supplies this high-performance catalog directly to India's CGD, CNG, and CBG sectors. We deliver genuine OEM products backed by full warranties, applied field expertise, and complete MTC and Certificate of Conformance documentation.

01**GENUINE PRODUCT**

Fully vetted supply chains with zero grey-market substitution and complete protection against non-genuine or duplicate fittings.

02**FULL TRACEABILITY**

Material certificates and batch traceability on every unit supplied, ready for audit at handover.

03**OEM WARRANTY**

Coverage that stays intact because the channel is authorised end to end, with no grey-market gaps.

04**APPLIED EXPERTISE**

Selection support grounded in real station and pressure-system experience, not a catalogue lookup.

**PRODUCT RANGE**

Genuine Parker Instrumentation

- **Seamless Stainless Steel Tubing:** Premium 316 and 316L grades engineered for high-pressure, corrosion-resistant applications.
- **CPI & A-LOK Tube Fittings:** Advanced double-ferrule design providing leak-free, vibration-resistant connections.
- **NPT & 37° Flare Adapters:** Heavy-duty instrument pipe fittings designed for reliable process and power lines.
- **Valves & Manifolds:** High-precision flow control solutions ensuring leak-tight performance in instrumentation.
- **Instrumentation Accessories:** Range of pressure gauges, manifold hardware, and robust tube supports.

APPLICATIONS

CNG STATIONS

CGD NETWORKS

CBG PLANTS

INDUSTRIAL GAS SYSTEMS

COMPLIANCE ADVANTAGE

MTC & CoC Documentation • Batch Traceability • PESO-ready Submissions • PNGRB-aligned Supply

“Genuine Parker supply means no duplicate-fittings risk, certified material quality, and long-term reliability.”

WHY AUTHORISED MATTERS



OUR OEM NETWORK

Parker is our anchor partnership, but not our only one. Every name in our network is vetted for compliance, certification and field performance before it enters a MechTech-sourced project.



PARKER HANNIFIN

Instrumentation, tubing & fittings – authorised distributor.



OPW CLEANENERGY

Authorized CNG, LPG, and hydrogen fueling solutions powered by MechInfra.



CHICAGO PNEUMATIC

Delivering certified compressors and pneumatic solutions via MechInfra.



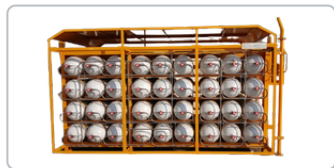
AN INSTRUMENTATION

Instrumentation & measurement hardware.



MAXIM

Tubing and pressure-system components.



CASCADES & STORAGE

Stationary and mobile high-pressure storage and transport solutions.

WHY AUTHORISED SOURCING MATTERS

CONSIDERATION	AUTHORISED SOURCING	UNAUTHORISED / GREY MARKET
Authenticity	Verified against OEM records, traceable	Unverifiable origin, high risk
Safety Margin	Rated and tested to published OEM specification	Unknown until it fails in the field
Warranty	Full OEM-backed coverage	Void on inspection
Documentation	Complete — certificates, test records, as-built data	Absent or unverifiable



ORGANISED INTO PREMIUM SOLUTION CATEGORIES

Matched to project specification, not sold off a shelf. Every category below is sourced through an authorised, traceable channel.

**01
INSTRUMENTATION
PRODUCTS**

Genuine Parker tubing, double-ferrule fittings & manifolds with full material traceability.

CGD · CNG · CBG · INDUSTRIAL

**02
INSTRUMENT PIPE
FITTINGS**

NPT and 37° flare adapters for leak-free process and power line connections.

CGD NETWORKS · INDUSTRIAL GAS

**03
PRESSURE
REGULATION**

PRS & DCU systems engineered to manage gas pressure safely across the network.

CGD NETWORKS · INDUSTRIAL

**04
PRESSURE
ENHANCEMENT**

Gasbooster systems for downstream CNG, CBG & industrial requirements.

CNG · CBG · INDUSTRIAL

**05
VALVES &
MANIFOLDS**

Precise, leak-tight instrumentation valves and manifolds for flow control.

CGD · CNG · INDUSTRIAL GAS

**06
SEAMLESS SS
TUBING**

316 / 316L grade seamless stainless tubing for high-pressure service.

ALL HIGH-PRESSURE SYSTEMS

**07
CASCADE
STORAGE**

Stationary or transport-mounted CNG cascades matched to station throughput.

CNG · CGD · TRANSPORT MOBILITY

**08
COMPRESSION
SYSTEMS**

CNG & CBG compressors integrated for stations and industrial applications.

CNG · CBG · INDUSTRIAL GAS

**09
DISPENSING
SYSTEMS**

CNG/CBG dispensers and LCV filling posts for CGD networks and fleet refuelling.

CGD · FUELLING STATIONS · FLEET

**10
HYDROGEN-READY
INFRASTRUCTURE**

Emerging fuelling hardware and high-pressure components for India's H2 push.

H2 MOBILITY · EARLY-STAGE PROJECTS

**11
LCV FILL POSTS**

Supply, installation and support for light commercial vehicle refuelling posts.

FLEET & LOGISTICS REFUELLING

**12
INDUSTRIAL
ACCESSORIES**

Gauges, manifold hardware, tube supports & fitting accessories.

ALL SECTORS



FROM REQUIREMENT TO DELIVERY

One process, one point of contact, from the first specification conversation through to ongoing support after commissioning.

1

REQUIREMENT

The client shares station type, scale, pressure class, timeline and compliance need – the starting brief for everything that follows.

2

TECHNICAL REVIEW

MechTech reviews the specification against operational and regulatory requirements before any product is proposed.

3

PRODUCT SELECTION

The right product is matched from across the OEM network – not simply the nearest one in stock.

4

OEM SOURCING

Procurement is executed exclusively through authorised channels, preserving traceability and warranty from source.

5

QUALITY VERIFICATION

Certificates, traceability documentation and specification compliance are confirmed before dispatch.

6

DELIVERY

Coordinated delivery to site, aligned with the project's construction or commissioning schedule.

7

ONGOING SUPPORT

Continued technical support and CAMC coordination through the equipment's full operating life.



WHO WE SERVE

MechTech supports every stage of India's clean energy infrastructure buildout, across six core client categories.

01**CITY GAS DISTRIBUTION**

Network expansion and station development for CGD operators — instrumentation, flow control and dispensing equipment matched to network specification.

02**EPC & ENGINEERING FIRMS**

Procurement coordination across active project timelines, reducing vendor complexity for multi-site rollouts.

03**CBG PROJECT DEVELOPERS**

Sourcing and advisory support for waste-to-energy and Bio-CNG initiatives, from cascade storage to dispensing.

04**INDUSTRIAL & COMMERCIAL CLIENTS**

Reliable gas-based equipment for manufacturing & commercial operations requiring certified, traceable supply.

05**FLEET & LOGISTICS OPERATORS**

LCV fill posts and refuelling infrastructure for commercial mobility fleets.

06**OEMS & EQUIPMENT MANUFACTURERS**

Compatibility and distribution partnerships across the gas infrastructure equipment ecosystem.

ONE STANDARD, EVERY CLIENT

Whichever category a client falls into, the same authorised-sourcing standard, documentation trail and single point of contact applies — from a single fitting supply to a multi-station rollout.



WHERE WE OPERATE

Headquartered in Gurugram, Haryana — serving CGD, CNG and CBG corridors across India, with sourcing relationships extending into Africa, the Middle East and Southeast Asia.

**MEET US AT**

Plot No. 123, Sector-7, IMT
Manesar-122050, Gurugram,
Haryana, India

From this Gurugram base, MechTech coordinates sourcing across India's most active CGD corridors, keeping specification review, OEM coordination and documentation under one roof close to the country's gas infrastructure decision-makers.

CLIENT BASE**CGD Operators**

Network expansion

EPC Firms

Execution coordination

CBG Developers

Waste-to-energy
sourcing

**Industrial
Clients**

Commercial gas systems

**Fleet
Operators**

Mobility fuel infra

OEMs

Compatibility
partnerships

“One Gurugram-based team, coordinating authorised sourcing across every corridor a client operates in.”

OPERATING MODEL



WHERE WE'RE HEADED

India's clean-energy transition is expanding beyond CNG — MechTech's OEM network and sourcing model are built to move with it.

01**HYDROGEN-READY
INFRASTRUCTURE**

Emerging fuelling hardware and high- pressure components as India's hydrogen mobility ecosystem develops, tracked closely against OEM roadmaps.

02**CBG & BIO-GAS
EXPANSION**

Sourcing support for waste-to-energy and Bio-CNG plants as the CBG sector scales nationally under India's SATAT initiative.

03**DEEPER OEM NETWORK**

Continued vetting and onboarding of certified partners to widen product coverage without diluting the authenticity standard.

04**INTERNATIONAL REACH**

Extending sourcing relationships into Africa, the Middle East and Southeast Asia alongside India's own build-out.

THE LONG-TERM COMMITMENT

As a group company of MechInfra Energy Solutions, MechTech's growth is tied to the same operating philosophy that defines the wider group: authorised-only sourcing, full traceability, and one accountable relationship — scaled to whatever comes next in India's clean mobility transition.

“The infrastructure changes. The standard for how it's sourced does not.”

MECHTECH, LOOKING AHEAD





MECHTECH ENERGIES & CONSULTANT

EVERY GREAT INFRASTRUCTURE PROJECT BEGINS WITH THE RIGHT PRODUCTS.

TRUSTED PARTNERSHIPS • AUTHENTIC PRODUCTS • RELIABLE PROCUREMENT

ADDRESS

Plot 123, Sector-7, IMT
Manesar, Gurugram,
Haryana

GET IN TOUCH

info@mechtechenergies.com
+91 98109 94034

WEBSITE

[mechtechenergies.
com](http://mechtechenergies.com)