

PTF

CORPORATE CAPABILITIES
CATALOG 01 / 2026

ENGINEERED SUPPLY FOR CRITICAL INDUSTRY.

Who we are, what we supply and how a single RFQ becomes a documented, inspected and delivered project package.

PIPING · VALVES · INSTRUMENTATION · ELECTRICAL · ROTATING EQUIPMENT

WWW.PISHTAJ.IR

Inside this catalog.

A complete picture of Pishro Tajhiz Fartak (PTF) — an industrial-equipment supplier built around the technical discipline of project procurement.

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A project-ready supply partner.

Pishro Tajhiz Fartak (PTF) is a specialized industrial-equipment supplier serving Oil & Gas, Petrochemical, Steel, Power Generation, Cement and Water projects in Iran and the Middle East. From the first technical inquiry to documented delivery, we help procurement and engineering teams turn complex requirements into a controlled supply route.

2012
Project-supply experience since

14+
Years of accumulated expertise

7
Specialist supply disciplines

40+
Global manufacturers in our sourcing network

WHO WE ARE

PTF brings together technical review, sourcing, commercial coordination, quality records and logistics under one project-focused team. Our operating model is built for equipment packages where specification compliance, traceability, lead time and communication all matter.

The company operates under the Pishro Tajhiz Fartak identity since 2021, with the team's commercial and industrial-project roots tracing back to 2012 — and a core team that worked in procurement, inspection and purchasing engineering on national oil, gas, petrochemical and power projects long before.

OUR LOGO

A flame inside a gear: energy and engineering working together — *engineering the future with today's power.*



TECHNICAL REVIEW AT THE PIPE YARD

200+
Supply and project inquiry files handled

6
Target industries served

250+
Technical articles in our online knowledge center



Hamed Lavasani Manesh
Chairman of the Board / PMP

15+ years in industrial project management and equipment supply for oil, gas and petrochemical, including EPC project management.

MESSAGE FROM THE BOARD

Project supply is not only trading goods — it is building trust.

Owners of oil, gas, petrochemical and power projects need more than product quality. They need a supplier who understands the project process in depth. With more than a decade of experience, the Board of PTF considers itself committed to answering the supply needs of Iran's core industries with **agility, expertise and honesty.**

STRATEGIC PRINCIPLES

- **Real technical expertise** — every RFQ is reviewed by a specialist fluent in the technical language of the field.
- **Vendor-list compliance** — respect for owner requirements comes first; no off-list brand is proposed without full transparency.
- **Transparent documents** — authenticity papers, MTC, calibration certificates and inspection reports with every order.
- **Turnaround responsiveness** — compressed supply for shutdown and emergency projects is a first priority.
- **Long-term relationships** — a sustained supply partner, not a one-time seller.

OUR COMMITMENT TO STAKEHOLDERS

- **To owners:** supply without lost time, with complete documents and honest communication.
- **To colleagues:** an agile, learning, expertise-based workplace.
- **To vendors:** professional cooperation, timely payment and transparent reporting.
- **To national industry:** a share in developing the domestic supply chain and transferring technical know-how.

> "We respond to critical project requirements with agility, expertise, and transparency."
>
> HAMED LAVASANI MANESH / CHAIRMAN OF THE BOARD

Technical fluency.
Commercial clarity.
Accountability through delivery.

Industrial procurement is not simply a transaction. It is a technical, commercial and risk-management process. PTF translates the requirements of purchasing, engineering and site teams into a coordinated, traceable supply path.

01

Technical compliance

Review the RFQ, datasheet, approved vendor list and disclosed deviations before ordering. Acceptance criteria are written into the RFQ and TBE — not discovered at delivery.

02

Agile sourcing

Compare traceable domestic and international sources against part number, stock, lead time and documentation — with direct sourcing and no unnecessary intermediaries.

03

Documented authenticity

Request and coordinate COC, MTC, calibration and inspection records in line with the agreed project scope, with third-party inspection where required.

04

Clear project dialogue

Direct technical and commercial communication through quotation, expediting and handover, supported by online RFQ tracking.



TAG-LEVEL COMPLIANCE — MODEL CODE, RANGE, MATERIALS, CERTIFICATES

RFQ

Coded & traceable

Every inquiry receives a tracking code and a documented review path.

AVL

Part-number sourcing

Sourcing against the client vendor list and the exact part number.

TPI

Inspection on demand

MTC, COC, test reports, calibration, FAT or TPI per equipment and contract.

One RFQ.
One controlled supply route.

A disciplined procurement sequence gives project teams clarity at each decision point — before a purchase commitment is made and through final delivery.

1. **Receive & review**
   MTO, datasheet, tag list, isometric, PMS and required project standards.
2. **Technical alignment**
   Specification review, AVL check, model-code verification and clarifications.
3. **Source & compare**
   Qualified source, stock, lead time, technical documents and commercial options.
4. **Technical-commercial offer**
   Transparent quotation, TBE inputs, defined delivery, payment and records.
5. **Order expediting**
   Purchase placement and follow-up with the source through manufacturing or release.
6. **Inspect, ship & hand over**
   TPI / testing as required, documentation, shipping, clearance and delivery.



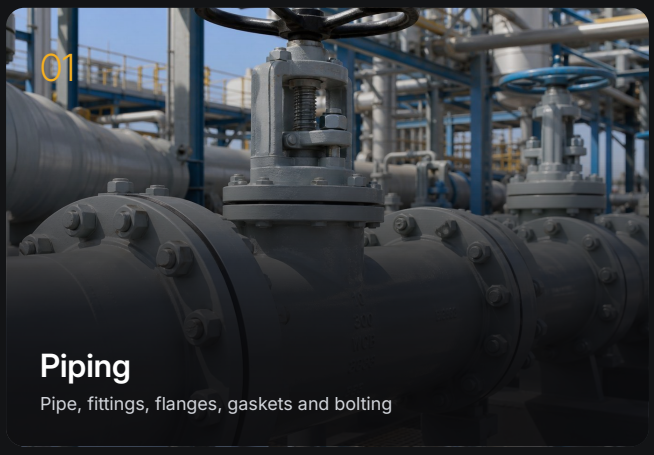
MADE FOR PROJECT WORK

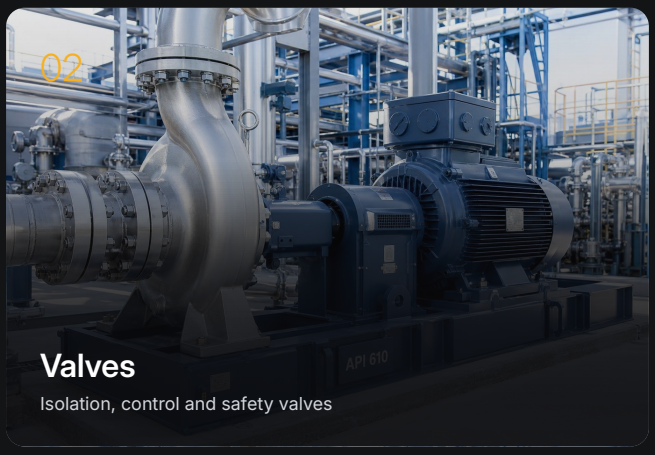
- New-build EPC
- Brownfield expansion
- Overhaul & turnaround
- Emergency supply
- Critical spares & MRO

The scope, document set, inspection regime and delivery arrangement are tailored to the equipment and contract.

Seven disciplines.
One accountable team.

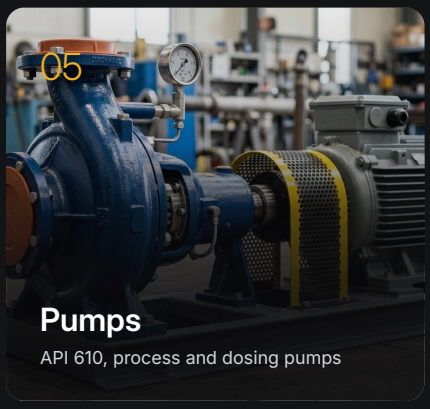
Our service structure is built around the frequently used and critical items of process, energy and heavy-industry projects.

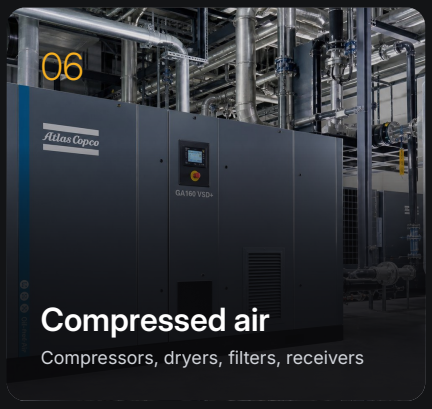


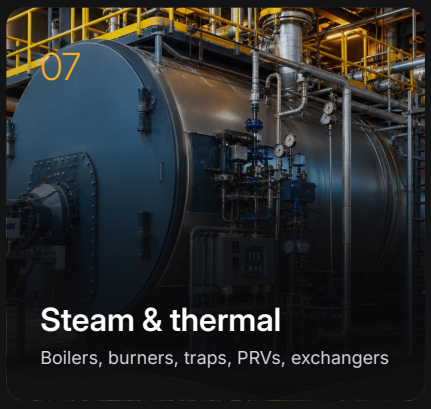












Integrated piping packages for process plants.

A bundled supply approach for the components that must work together — from pipe and flanges to valves, gaskets and bolting.

PIPE — Seamless and welded carbon steel, stainless, alloy and duplex pipe — including ASTM A106, A333, A312, A335 and API 5L.

FITTINGS — Elbows, tees, reducers, caps, crosses, stub ends and couplings in BW, SW and threaded formats.

FLANGES — WN, SO, blind, SW, threaded and lap-joint flanges in RF, FF and RTJ facings, including ASME B16.5 / B16.47.

VALVES — Gate, globe, check, ball, butterfly, plug, needle, control and safety valves — API 6D, API 600, API 602 and ASME B16.34.

SEALING — Spiral-wound, RTJ, soft-cut, camprofile and metal-jacketed gaskets, with studs, nuts and related bolting.

PROJECT INPUTS

MTO • Isometric • PMS • Datasheet • ITP

Critical-service compatibility is reviewed against material, pressure class, manufacturing standard and connection type.

STANDARDS AT A GLANCE

CODE	SCOPE
ASME B31.3	Process piping design and construction
ASME B16.5 / B16.47	Flanges NPS ½–24 / NPS 26–60
ASME B16.9 / B16.11	Butt-weld and forged fittings
ASME B16.34	Valves — ratings, materials, testing
ASME B16.20 / B16.21	Metallic / non-metallic gaskets
ASTM A193 / A194	Stud bolting and nuts

Dimensional and rating reference tables are provided in Catalog 02 — Piping Reference Handbook.



REFERENCE CODES

ASME B31.3
ASME B16.5 / B16.9
API 6D / API 600
NACE MR0175 / ISO 15156
EN 10204 3.1 / 3.2

Materials and valves, matched to the service.

Selection starts from the line class: fluid, pressure, temperature, corrosion allowance and sour-service status decide the material and the construction standard.

PIPE & FORGINGS — MATERIAL FAMILIES

FAMILY	TYPICAL GRADES	TYPICAL USE
Carbon steel	A106 Gr.B, A53, API 5L	General process, utility, hydrocarbon
Low-temp carbon	A333 Gr.6, A350 LF2	Down to −46 °C service
Stainless	A312 TP304/316L	Corrosive, hygienic, marine
Alloy steel	A335 P11 / P22 / P91	High-temperature steam
Duplex	A790 S31803 / S32750	Chlorides, offshore, high strength

VALVE FAMILIES & CONSTRUCTION STANDARDS

VALVE	STANDARDS
Gate / globe / check (steel)	API 600, API 602, BS 1873, ASME B16.34
Pipeline ball / gate	API 6D
Ball valves	API 608 / ISO 17292
Butterfly	API 609
Pressure testing	API 598 / ISO 5208
Fire-safe & emissions	API 607 / ISO 15848



PROCESS LINE WITH PUMP AND VALVE PACKAGE

SOUR SERVICE

NACE MR0175

Materials and hardness reviewed against ISO 15156 where H_2S is present.

FIRE-SAFE

Soft-seated ball valves

Fire-test certification requested per project specification.

CONTROL

Valves & actuation

Sizing data, trim, leakage class, actuator and positioner scope clarified up-front.



TAG-LEVEL PROCUREMENT

Measurement that matches the process.

PTF sources process-instrumentation equipment with the level of detail required to protect tag compliance, operating performance and site acceptance.

PRESSURE

Pressure / DP transmitters, gauges, switches, diaphragm seals and accessories.

TEMPERATURE

Transmitters, RTDs, thermocouples, thermowells, thermometers and pyrometers.

FLOW

Magnetic, vortex, Coriolis, ultrasonic, turbine, variable-area and differential-pressure flowmeters.

LEVEL

Non-contact and guided-wave radar, ultrasonic, capacitance, displacer and hydrostatic measurement.

CONTROL

Control valves, pneumatic and electric actuators, smart positioners, I/P converters and solenoids.

ANALYTICS

pH/ORP, conductivity, dissolved oxygen, gas, moisture, density and vibration monitoring.

RFQ INPUTS FOR INSTRUMENTS

Tag list • Datasheet • Model code • Measurement range • Wetted materials • Signal / protocol • Hazardous-area certificate • SIL rating

Applicable delivery records may include original datasheets, calibration certificates, COC and safety manuals.

RELATED TECHNICAL GUIDE

Catalog 03 — Instrumentation Selection Guide

Rosemount & WIKA transmitter selection, model codes, materials, hazardous-area approvals and RFQ data sheet.

BRANDS IN THIS DISCIPLINE

Emerson / Rosemount, Endress+Hauser, Yokogawa, Honeywell, WIKA, KROHNE, VEGA, Fisher, Samson — subject to client AVL and per-inquiry verification.

Power distribution. Protection. Control.

Equipment supply for plant and site power systems — configured around the project's single-line diagram, panel schedule, I/O list, cable schedule or technical datasheet.

LV / MV SWITCHGEAR

LV/MV panels, ACB, MCCB, VCB, protection devices and distribution equipment.

AUTOMATION

PLCs, control panels, industrial control hardware and interface equipment.

DRIVES

VFDs, soft starters and motor-control solutions for industrial applications.

POWER & BACKUP

Transformers, UPS systems and battery-charger solutions.

MCC & PANELS

Motor-control centers, PLC panels and project-aligned control assemblies.

CABLE & ACCESSORIES

Power and instrumentation cables, glands, terminations and cable accessories.

COMMON PROJECT REFERENCES

Single-line diagram • Panel schedule • I/O list • Cable schedule • Equipment datasheet

KEY RATING INPUTS BY EQUIPMENT

EQUIPMENT	INPUTS WE ASK FOR
LV switchgear	Voltage, busbar current, short-circuit kA / 1 s, form of separation, IP
MV switchgear	Rated voltage, SC rating, VCB / protection relay scope, arc-fault class
Drives / starters	kW, voltage, enclosure, harmonic filters, communication protocol
Transformers	kVA, vector group, impedance, cooling, tap changer
UPS & chargers	kVA, autonomy, battery type, input / output voltage

Review points: IEC standard, IP rating, short-circuit rating, routine test, wiring diagram and coordination with the SLD.

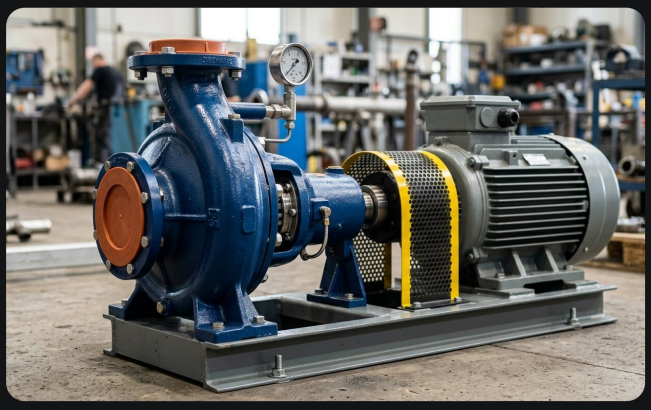


ENGINEERED CONTROL

FOR COMPLEX INDUSTRIAL SYSTEMS

Flow. Compression. Heat.
Utility systems that keep moving.

PTF supports the process and utility equipment that moves fluids, delivers compressed air, and manages steam and heat across industrial facilities.



PUMPS

API 610, ANSI process, dosing, vertical multistage and slurry pumps; mechanical seals and spare parts.



COMPRESSED AIR

Screw, reciprocating and centrifugal compressors, dryers, filters, receivers and service kits.



STEAM & THERMAL

Firetube and watertube boilers, burners, steam traps, PRVs, safety valves and condensate equipment.



STATIC EQUIPMENT

Shell-and-tube and plate heat exchangers, pressure vessels, air coolers and project packages.

Pump selection inputs

Duty point (Q/H), fluid & temperature, NPSHa, materials, seal plan, motor data and test report requirements.

Compressed-air inputs

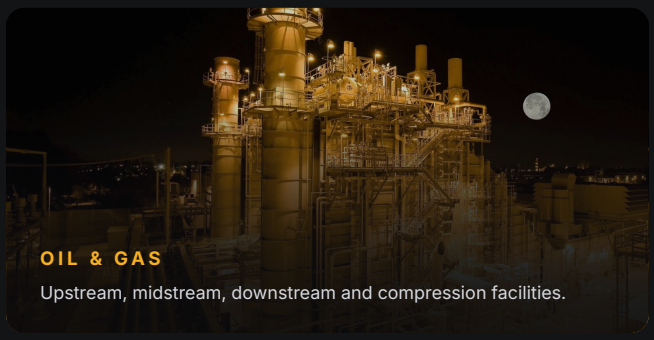
Free-air delivery, working pressure, dew-point target, power supply, cooling type and service-kit scope.

Thermal inputs

Steam capacity & pressure, fuel, burner type, safety-valve sizing data and applicable pressure-equipment code.

Where technical supply has to perform.

Industrial environments do not reward generic procurement. The work must fit the service, the specification, the vendor list and the project schedule.



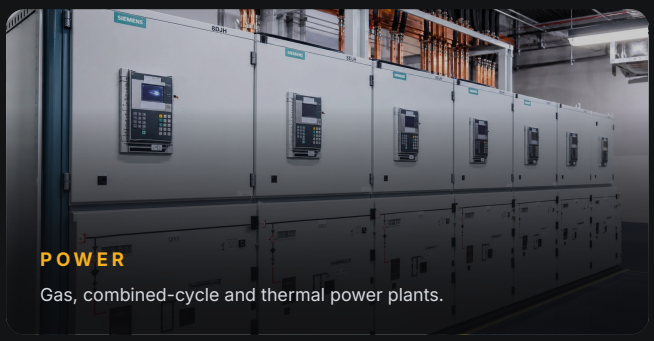
OIL & GAS

Upstream, midstream, downstream and compression facilities.



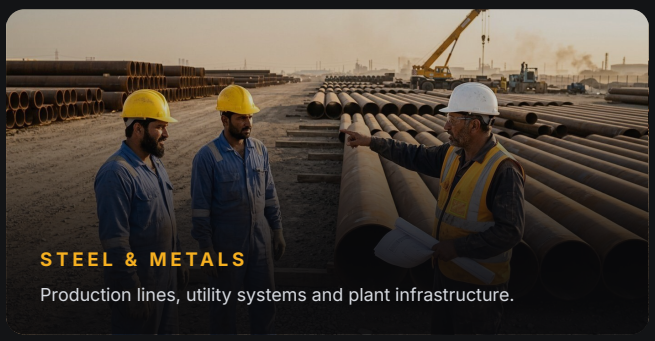
PETROCHEMICAL

Olefin, aromatic, polymer, ammonia and urea units.



POWER

Gas, combined-cycle and thermal power plants.



STEEL & METALS

Production lines, utility systems and plant infrastructure.



CEMENT & HEAVY INDUSTRY

Critical process, utility and maintenance equipment.



WATER & WASTEWATER

Treatment, transfer, pumping and process-control systems.

PROJECT CONTEXTS

New-build EPC

Complete MTO packages aligned to PMS, isometrics and datasheets.

Brownfield expansion

Tie-ins and additions matched to the existing line class and spares.

Overhaul & shutdown

Schedule-critical lists with expediting and documented delivery.

Emergency supply

Fast stock checks with stockholders and importers.

Critical spares

Capital and insurance spares with full record sets.

MRO

Repeat consumables and maintenance items by part number.

Quality is built into the supply route.

Our quality controls are scoped to the equipment, project specification and contract — creating a clean record from technical review through handover.

Technical conformity

RFQ, datasheet, model code, project standards and client AVL are reviewed before commitment.

Authenticity & material records

COC, MTC to EN 10204 3.1 / 3.2 and source documentation are requested where applicable.

Inspection & testing

TPI, NDT, PMI, hydrostatic tests and FAT / SAT coordination can be included when required.

Calibrated measurement

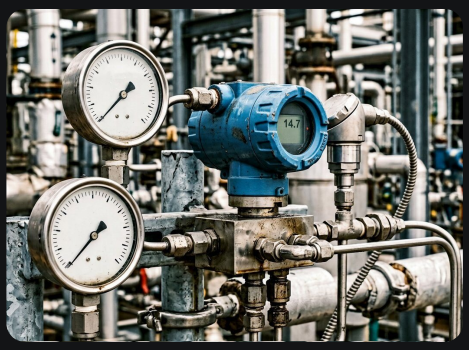
Calibration records, safety manuals and other instrument documentation are aligned to scope.

Documented handover

Inspection reports, packing lists, invoices and shipping documents form a structured delivery package.

QUALITY RECORD

MTC
COC
TPI



Specified documents.
Defined inspection.
Disciplined handover.

KEY DOCUMENTS IN INDUSTRIAL SUPPLY

DOCUMENT	PURPOSE	CONTROL POINT
MTC	Chemical composition, mechanical properties, heat number	Heat no., grade and standard match the marking
COC	Declaration of conformity with order or standard	Scope clear; not a substitute for MTC or tests
Datasheet / GA	Technical definition, dimensions, materials	Final revision matches offer and PO
Test report	Pressure, leakage, calibration or performance	Method, standard, serial no., accept / reject
TPI / FAT	Third-party or factory acceptance	ITP, hold and witness points agreed in advance

CATALOG 04 — QA/QC DOCUMENTATION & INSPECTION GUIDE

Complete checklists for MTC review, EN 10204 certificate types, ITP, receiving inspection, NDT and the delivery data book.

From approved source to project gate.

The route from a verified source to site delivery requires disciplined expediting, commercial coordination and logistics control — especially for time-sensitive project packages.



A coordinated procurement infrastructure.

PTF coordinates the moving parts that sit between technical approval and a successful delivery: source communication, stock and lead-time verification, purchase follow-up, inspection planning, documentation, shipping, customs clearance and local delivery.

01	02	03	04	05	06
SOURCE	**EXPEDITE**	**INSPECT**	**SHIP**	**CLEAR**	**DELIVER**
Domestic & international supplier network	Lead-time visibility and order follow-up	Inspection planning to project scope	International and domestic transport	Import coordination and customs clearance	Documented handover to site or warehouse

URGENT / TURNAROUND REQUIREMENTS

Direct access to stockholders and importers supports critical requirements, subject to source availability, technical suitability and agreed delivery terms.

SHIPPING & HANDOVER PACKAGE

- Packing list and commercial invoice
- Inspection and test reports
- MTC / COC bundle matched to heat and serial numbers
- Marking, tag and packing verification
- Manuals and datasheets where applicable

LEAD-TIME DRIVERS WE MANAGE

- Stock status versus manufacturing slot
- Third-party inspection and witness scheduling
- Customs documentation and clearance
- Special packing and transport mode
- Document approval cycles

Global manufacturers. Project-specific sourcing.

PTF's sourcing network spans leading global manufacturers across piping, valves, electrical systems, instrumentation and sealing. Final selection remains subject to client AVL, project specification and commercial availability.

PIPE & MATERIALS

Tenaris · Sumitomo · vallourec · ArcelorMittal · NIPPON STEEL · SANDVIK

PIPE (CONT.)

JFE · TUBOS REUNIDOS GROUP · HI-TECH PIPE

VALVES & FLOW CONTROL

KITZ KITZ CORPORATION · NEWAY · VELAN · BONNEY FORGE · FISHER EMERSON · OMB VALVES

ELECTRICAL & AUTOMATION

SIEMENS · ABB · Schneider Electric · OMRON · EATON · RITTAL

ELECTRICAL (CONT.)

legrand · LS ELECTRIC · PHOENIX CONTACT · Weidmüller

BRAND MARKS

Official brand marks are reproduced from the company website as part of PTF's published sourcing scope. Product availability, authorization status and technical acceptance are verified per inquiry. PTF sources through verified, traceable channels; official-agency status is not implied unless documented.

Instrumentation and sealing partners.

A broad network lets PTF compare equivalent options against the owner's approved vendor list and technical requirements.

INSTRUMENTATION	EMERSON · EMERSON ROSEMOUNT · Endress+Hauser · YOKOGAWA · Honeywell · WIKA
INSTRUMENTATION (CONT.)	KROHNE · FISHER EMERSON
SEALING & ACCESSORIES	KLINGER · Garlock · TEADIT · LAMONS · Roxtec · MERSEN
SEALING (CONT.)	DURLON · VICTOR REINZ

STEP 1

Match the vendor list

Client AVL and project specification define which brands and models are acceptable.

STEP 2

Verify the part number

Model code, datasheet, serial number and certificates are verified per inquiry.

STEP 3

Document the route

Source, stock status, warranty terms and delivery documents are stated in the offer.



A quality system with a responsive project team.

PTF combines quality-focused credentials with an agile, cross-functional operating structure designed to keep technical and commercial decisions close to the project.

ISO 9001:2015
Quality Management System

ISO/TS 29001
Oil & Gas Quality Management

ISO 10002:2018
Customer Complaints Handling

ISO 10004:2018
Customer Satisfaction Monitoring

ADDITIONAL PROFESSIONAL CREDENTIALS

PMP — Project Management Professional (Chairman of the Board) • **HSE-MS** — Health, Safety & Environmental Management training

Management-system certificates were issued through GQS (German Association for Quality and Management Systems). Please ask PTF for current certificate copies and validity dates.

AGILE OPERATING MODEL

Cross-functional specialists work in direct proximity to the inquiry, limiting hierarchy and connecting project teams with the accountable technical and commercial functions. "Small team, high expertise" — at most two levels between management and specialist.

BOARD & EXECUTIVE LEADERSHIP

PROJECT SALES & COMMERCIAL

ENGINEERING & TECHNICAL REVIEW

SOURCING & PURCHASING

LOGISTICS & QUALITY

Specialist-centred
Piping, instrumentation, rotating, electrical and static equipment each have a dedicated specialist.

Direct access
Clients talk directly to the technical expert on their project, not through layers of intermediaries.

Overlapping roles
Every specialist knows their colleagues' files, so service continues in anyone's absence.

Digital services for faster, clearer procurement.

The PTF website pairs the technical team with online tools — so inquiries start complete and status is never a guess.

RFQ

Smart inquiry system

Coded, traceable RFQs with file attachments and direct CRM entry.

TRACK

Online tracking

Follow review, sourcing, offer and delivery status with a secure tracking code.

TOOLS

Engineering tools

Calculators, standards knowledge center and technical checklists.

SUPPLY

Supplier registration

Register brands and specialities to join the PTF project supply network.

LIBRARY

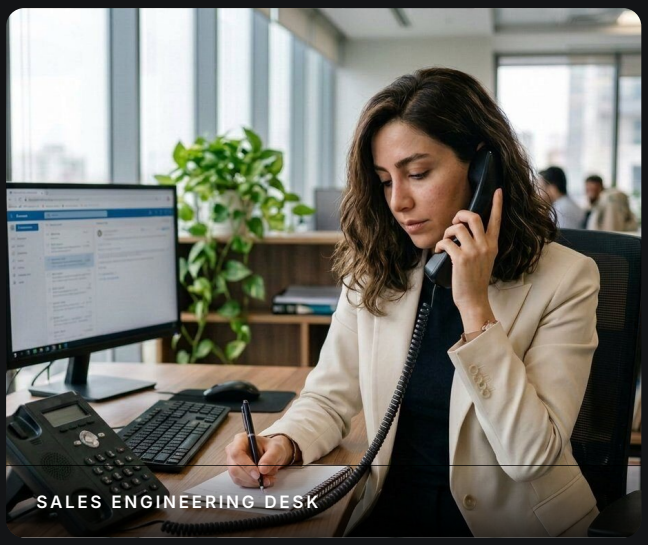
Catalog & datasheet center

Technical documents, reference handbooks and selection guides.

KNOW

Knowledge center

250+ technical articles for buyers and project engineers.



SALES ENGINEERING DESK

FAST PATH BY ROLE

I am a buyer / EPC
Submit a real RFQ with a tracking code and file attachments.

I am a project engineer
Calculation tools, standards knowledge and technical checklists.

I am tracking an inquiry
See review, sourcing, offer and delivery status online.

I am a supplier
Register brands and specialities for the project supply network.

What to send us for a precise offer.

Complete inputs give comparable, technically clean proposals and reduce revision cycles. The table lists the minimum useful inputs by discipline.

DISCIPLINE	MINIMUM INPUTS	DOCUMENTS TYPICALLY REQUESTED
Pipe	Size, schedule / wall thickness, grade, manufacturing process (SMLS/ERW), ends, length, quantity	MTC EN 10204 3.1, PMI / NDT as specified, inspection report
Fittings	Type, size, schedule, angle / radius, grade, standard (B16.9 / MSS SP-75), quantity	MTC 3.1, dimensional report, traceability
Flanges	Type (WN/SO/BL...), NPS, class, facing, bore / schedule, material, standard	MTC 3.1, hardness (sour service), marking per MSS SP-25
Valves	Type, size, class, body & trim material, end connection, operator, standard (API / ISO), special service	Datasheet, hydro / seat test report, fire-test cert, MTC
Gaskets & bolting	Type, size, class, ring / filler materials, stud and nut grades, coating	COC, MTC for studs & nuts, B16.20 compliance
Instruments	Tag, model code or equivalent spec, range, wetted materials, output / protocol, Ex rating, SIL	Calibration certificate, Ex certificate, COC, safety manual
Electrical	SLD, panel schedule, ratings, short-circuit capacity, IP rating, standards, accessories	Routine test, wiring diagram, type test reports
Rotating	Duty point, fluid, NPSH, materials, seal plan, motor / driver data, API or ANSI standard	Performance curve, test report, data book, FAT

ALSO INCLUDE

Project name & client AVL • Delivery location and required date • Inspection requirements (TPI / FAT) • Packing and marking • Required certificates and revision of standards

WHY IT MATTERS

Abbreviated inquiries such as “3051” or “ball valve 4 inch” cannot be priced comparably. Clear inputs protect tag compliance and shorten lead time.

CONTACT / TECHNICAL INQUIRIES

Bring us the RFQ, MTO, datasheet or tag list.

PTF will map your requirement to a controlled supply route — with the technical clarity, commercial transparency and project responsiveness it deserves.

HEAD OFFICE & CONTRACTS

+98 21 4608 7679

+98 21 9109 9242

SALES ENGINEERING

+98 992 586 8479

EMAIL & WEB

info@pishtaj.ir

www.pishtaj.ir

ADDRESS

16th Floor, Administrative Block A, Tooba Commercial-Administrative Complex, Koohak Boulevard, Tehran, Iran

SUBMIT AN RFQ

Scan to open the online technical inquiry form at pishtaj.ir/rfq



Pishro Tajhiz Fartak

INDUSTRIAL EQUIPMENT SUPPLY & PROCUREMENT

16th Floor, Administrative Block A, Tooba Commercial-Administrative Complex
Koohak Boulevard, Tehran, Iran

+98 21 4608 7679 · **+98 21 9109 9242**
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SCAN TO SUBMIT AN RFQ

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