



# COMPANY PROFILE

**A trusted leading manufacturer of flame arresters & tank protection systems**

*Engineering Protection Since 1975*

## Pressure & Flow Control Industries

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### Contacts

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## About PRE'CON®

Founded in 1975, PRE'CON® has built a five-decade legacy as a trusted manufacturer of advanced tank protection and explosion safety equipment, serving the global oil & gas, petrochemical, chemical, storage terminal, pharmaceutical, and process industries.

With deep engineering expertise, PRE'CON® specializes in the design, manufacture, and testing of flame arresters, pressure vacuum relief valves (PVRVs), emergency vents, and complete tank pressure protection systems engineered to safeguard industrial storage infrastructure from fire, explosion, overpressure, and vacuum collapse.

Every solution we deliver is developed with a singular focus: operational safety, environmental protection, and regulatory compliance under the most demanding industrial conditions.

## Our Core Expertise

### Flame Arresters

- Inline Deflagration Flame Arresters
- End-of-Line Flame Arresters
- Detonation Flame Arresters

Designed in compliance with ISO 16852 and EN ISO 80079 standards, our flame arresters provide reliable protection against flame transmission in hazardous gas environments, including explosion groups IIA, IIB, and IIC.

### Pressure Vacuum Relief Valves (PVRV)

- Weight Loaded Conservation Vents
- Spring Loaded Vent Valves
- Combined PVRV with Flame Arrester

Designed in accordance with the latest edition of API 2000, PRE'CON®'s PVRVs ensure accurate tank venting performance, maintaining storage tank integrity by precisely controlling internal pressure and vacuum conditions.

### Emergency Vent & Tank Protection Systems

- Emergency Pressure Relief Hatches
- Fire Case Emergency Vents
- Manhole Covers with Flame Screen
- Integrated Tank Safety Assemblies

These systems are engineered to deliver rapid pressure relief during fire exposure or abnormal operating conditions, preventing catastrophic tank failure.

### International Certifications & Compliance

PRE'CON® products are manufactured and tested in full compliance with globally recognized standards and directives, and are certified for use in hazardous area installations and explosive atmospheres:

- ATEX Directive 2014/34/EU — EU-Type Examination certificates for flame arresters (issued by IBExU)
- EAC Certification (TR CU 012/2011)
- ISO 16852 — Flame Arresters
- EN ISO 80079-49 & 80079-37
- API 2000 — Venting of Atmospheric & Low-Pressure Storage Tanks

| Certificate                       | Number                     | Scope / validity                                                                                                                |
|-----------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EAC Certificate of Conformity     | EAEC KG417/039.IN.02.03812 | Flame arresters (models 20501–20506) and valves with integrated flame arrester (2053-CV series); valid 20.05.2025 to 19.05.2027 |
| EU-Type Examination (ATEX), IBExU | e.g. IBExU16ATEX2082 X     | Flame arresters, various models and explosion groups (full list available on request)                                           |
| ISO 9001:2015                     | 05930/PRE09U               | Quality Management System; valid to 04.03.2027                                                                                  |
| ISO 14001:2015                    | 05930/PRO14U               | Environmental Management System; valid to 15.02.2029                                                                            |
| ISO 45001:2018                    | 05930/PRO45U               | Occupational Health & Safety Management System; valid to 15.02.2029                                                             |

### Engineering & Manufacturing Excellence

PRE'CON® operates a modern manufacturing facility equipped with advanced production and testing infrastructure:

- Advanced machining centers
- Precision fabrication and welding systems
- Hydrostatic and pneumatic testing setups
- Leak tightness testing equipment
- Flow performance testing rigs
- Flame transmission test facilities

Every product undergoes stringent quality inspection, performance validation, and traceability verification prior to dispatch, backed by strict adherence to documented quality procedures that ensure reliability, durability, and compliance in every unit supplied.

## Quality & Safety Commitment

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Safety is the foundation of PRE'CON®'s philosophy. We are committed to:

- Delivering technically superior, certified products
- Ensuring complete material traceability
- Providing third-party inspection support (TUV, BV, DNV, Lloyd's, CEIL, IRS, IRCLASS, SGS)
- Maintaining continuous improvement in engineering and manufacturing processes

Our team of experienced engineers works closely with clients to deliver customized tank protection solutions tailored to specific operating conditions and regulatory requirements.

## Global Reach

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PRE'CON® products are supplied to customers across the Middle East, Europe, Southeast Asia, and Africa. Our export-focused approach ensures compliance with international certification requirements and regional safety regulations in every market we serve.

## Our Mission

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To design and manufacture reliable, certified, and high-performance tank protection and explosion safety solutions that protect lives, assets, and the environment.

## Our Vision

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To be a globally recognized leader in flame safety and tank pressure protection systems through engineering innovation, uncompromising quality, and long-term customer partnerships.

## Why Choose PRE'CON®?

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- Established in 1975 — a proven industry legacy
- ATEX & EAC approved flame arresters and combined valves
- API 2000 compliant designs
- In-house testing & validation
- Custom engineered solutions
- Global export experience
- Strong technical support