

PTPA MIDDLE EAST



Hi-tech innovation in industrial
valves manufacturing

WHY PTPA MIDDLE EAST?



Modern technologies as part of Industry 4

Operation planning is executed through the ERP system (NOTYO) where the factual status of all processes is tracked for each order with detailed information for every item and its component.

International Standards

API 600, API 602, API 6D, ISO 17292, ISO 28921-1, BS 6364, BS 1873, BS 1868, API 6D SS, API 6A.
API 6DSS - the only manufacturer in the Middle East having a valid license to produce subsea valves.

10,000 m²

Total area

Our Team

The core team has more than 20 years of experience in leading international companies - Schlumberger, Tyco, Pentair, and Emerson.

References around the globe

Gazprom, Gazprom Neft, Sonatrach, Cosider, ADNOC, Control Flow, TransCanada, Batis Munai.
EPC: Technip, Maire Tecnimont, Daelim, Toyo, Sapiem, Hyundai Engineering, CC-7.

EXPERIENCED EXECUTIVE TEAM



**Jean Luc
Lemaire**

CEO

More than 30 years in the valve business, operation management, and supply chain.

Mr. Lemaire has been a top manager at the leading international corporations in the industry such as [Schlumberger](#), [Tyco](#), [Pentair](#), [Emerson](#).



**Michele
Bottta**

COO

Over 20 years of experience in the engineering, development, and production of special valves, including high-pressure application API 15K, subsea installation, and LNG service at -196°C in accordance with international standards and the most stringent requirements (e.g. Shell).

Mr. Bottta has been working in the valve business in Italy for 14 years, and then in the Middle East region for such famous brands in the industry as [Arsenio](#), [Tyco](#), [Pentair](#), [Emerson](#).

PRODUCTION CYCLE



PTPA MIDDLE EAST

Ensures high-quality products, by using modern technologies to control all production stages.



FAST INTRODUCTION OF NEW PRODUCTS

Each year we introduce new product lines.



2016

The basic product range of on/off valves, including ball, gate, globe, and check (API 6D, API 600)

2017

Valves for high temperatures, and aggressive media

2018

Cryogenic Valves

2019

Subsea Valves (API 6DSS)

2020

Valves for upstream applications (API 6A)

PRODUCT RANGE

Up to 24" and up to pressure class 4500 (10 000 psi)

Ball Valves
(Side entry or Top entry)

IDBB (integral double block
and bleed) Ball Valves

Gate Valves (Bolted Bonnet)

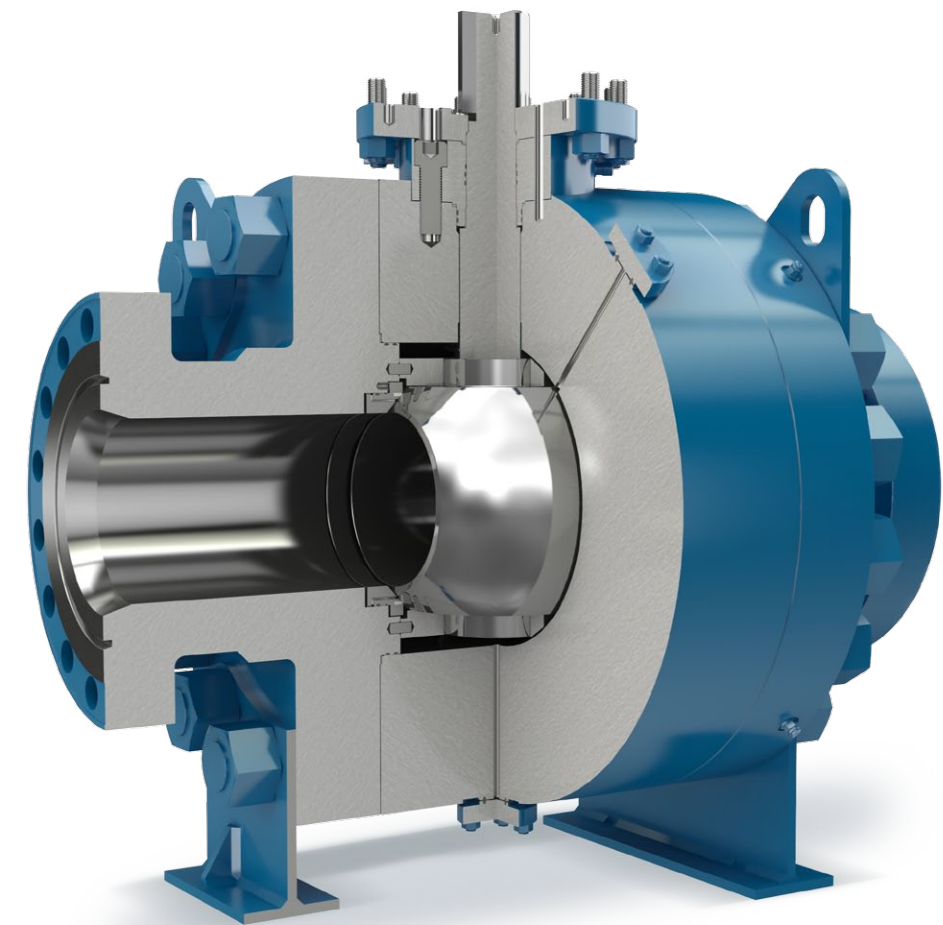
Globe Valves (Bolted Bonnet)

Check Valves

Cryogenic Valves: Ball Valves
and Gate Valves

Subsea Valves:
Ball Valves and Slab Gate
Valves

Upstream Valves
(up to 10,000 psi): Ball valves and
Slab gate Valves



VALVES FOR CRITICAL APPLICATIONS

up to +400°C **from -196°C** **API 6DSS**

High Temperature

Cryogenic Temperature

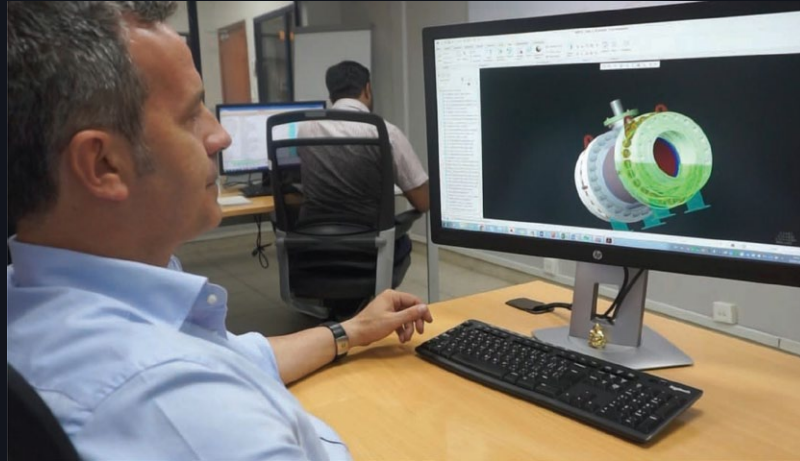
Subsea Installation

ESDV and BDV

Abrasive media

Highly corrosive media

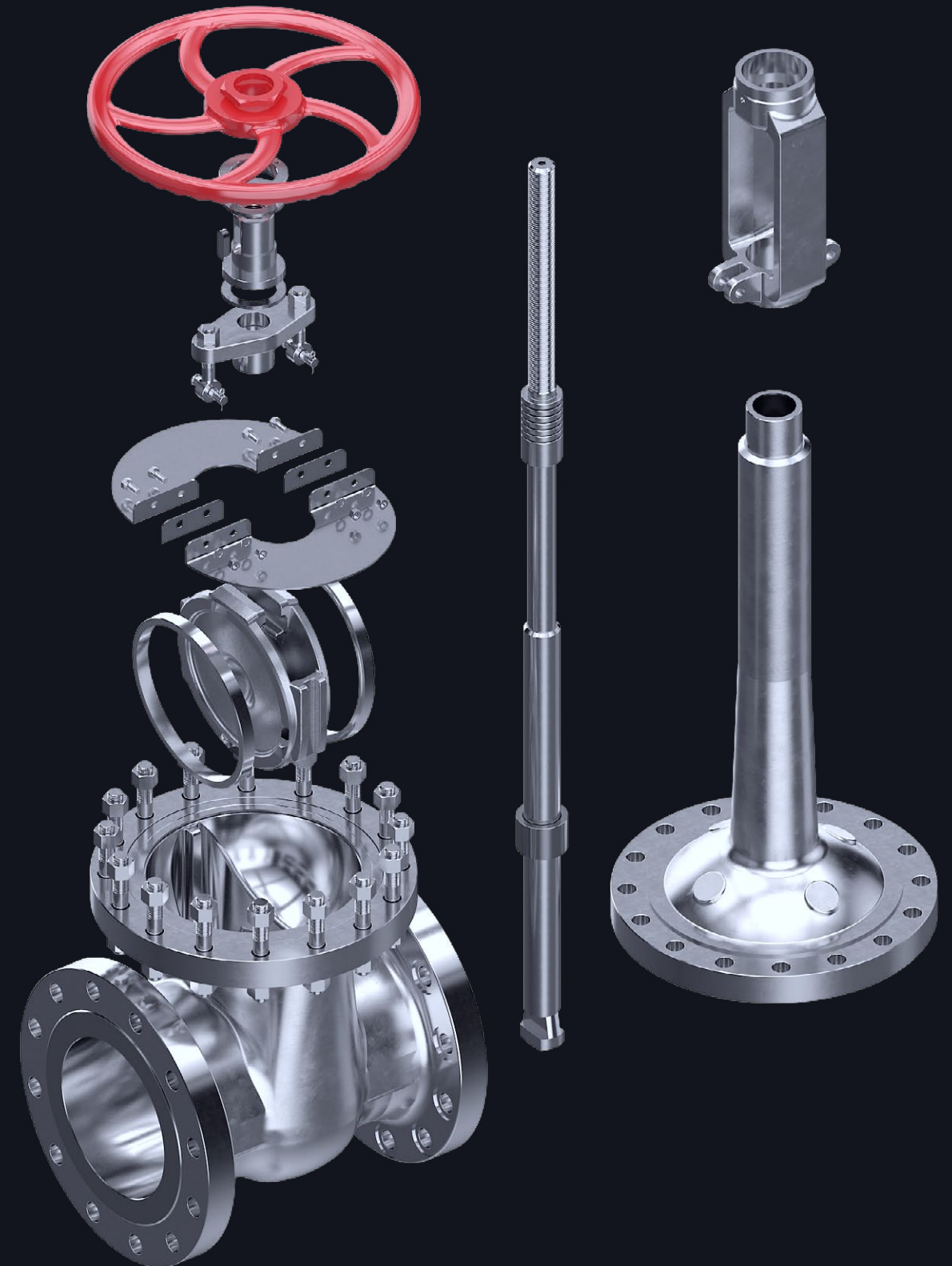
INHOUSE ENGINEERING AND DEVELOPMENT



Unique experience in valve engineering

highly-skilled engineers with working experience in leading international companies – Emerson, Tyco, and Pentair.

- Engineering according to international standards (ANSI, ASME, API)
- 3D Modelling and Finite Element Analysis
- Engineering of custom-built valves on a fast-track basis in accordance with specific project requirements or/and Customer specifications



AUTOMATED PRODUCTION

100% traceability of each component with reference to a particular Purchase Order and dispatch schedule as per Contract terms and conditions.



1 Details of every order and its items are uploaded in the NOTYO SYSTEM for tracking purposes of the manufacturing process in accordance with the internal deadlines and project execution schedule.

2 Every new process is scheduled and tracked per PRODUCTION ROUTING LIST with bar-codes for every component. It enables to update automatically the information in the NOTYO system.

3 System allows to track and store Material Test Reports for each component with reference to specific Purchase Order including external certificates and reports of inhouse tests.

STANDARDS AND CERTIFICATES



CERTIFICATES AND MONOGRAMS

- API 6D
- API 6A PSL3
- API 6DSS
- API Spec Q1
- API 600
- API 6A
- ISO 15848-1
- API 6A PSL 4 - plan 2023
- API 17D - plan 2023

DESIGN STANDARDS

- API 602
- BS 1868
- BS 1873
- BS 6364
- API 607
- API 608
- API 6FA
- API 624
- API 594
- ASME B16.34
- ISO 17292
- ISO 28921-1
- SHELL MESC
- API 609

FULL SCOPE OF TESTING

- High-Pressure Test up to 1700 Bar (API6D / API 598).
- Fugitive Emission test (FET Class A as per ISO 15848).
- Cryogenic Testing.
- Fire Safe Testing (API 6FA and API 607).
- TAT SHELL test can be performed for our valves onsite, which is one of the most stringent qualification tests in the industry. Our design, manufacturing process, and QMS system comply with SHELL Specs (MESG SPE 77/300).



CRYOGENIC TESTING



- Cryogenic tests of valves for low-temperature service.
- Testing Bench with a tank applicable for valves up to 24" DN.
- Testing with Nitrogen / Helium, at temperature down to -196°C .
- Compliance with the latest revisions of international standards BS 6364 and ISO 28929.

SALES GEOGRAPHY



PTPA
Middle East



DAELIM



TOYO





THANK YOU FOR YOUR TIME

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