



CIMAGHAND

Sales Engineering and Marketing Services

Cimaghand Background

- 43 years solid background in SALES

Consulting

- Fully-Private Company

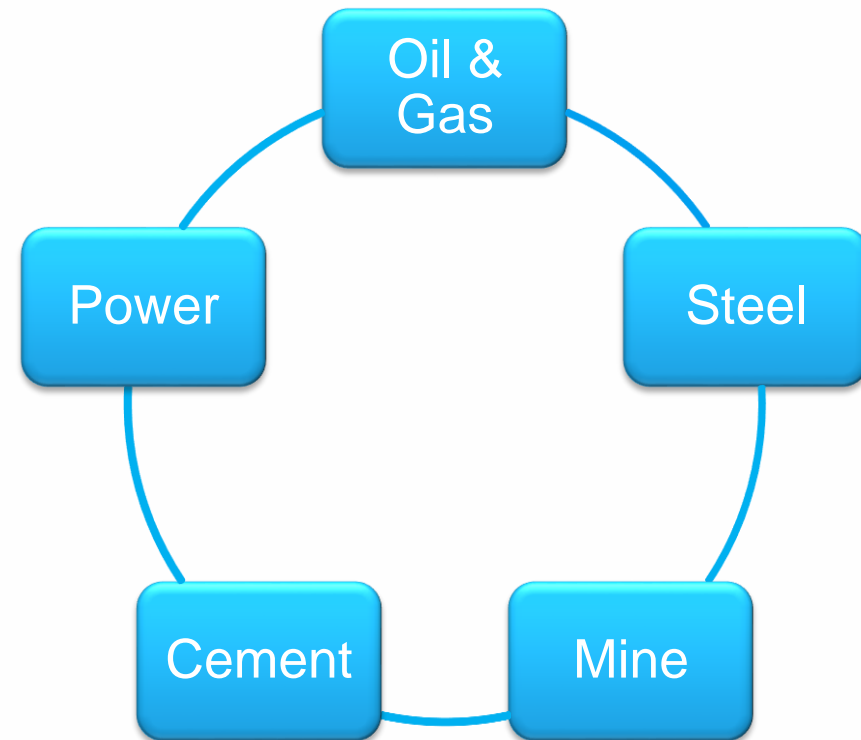
- 50 Personnel

- Headquarter Located in Tehran

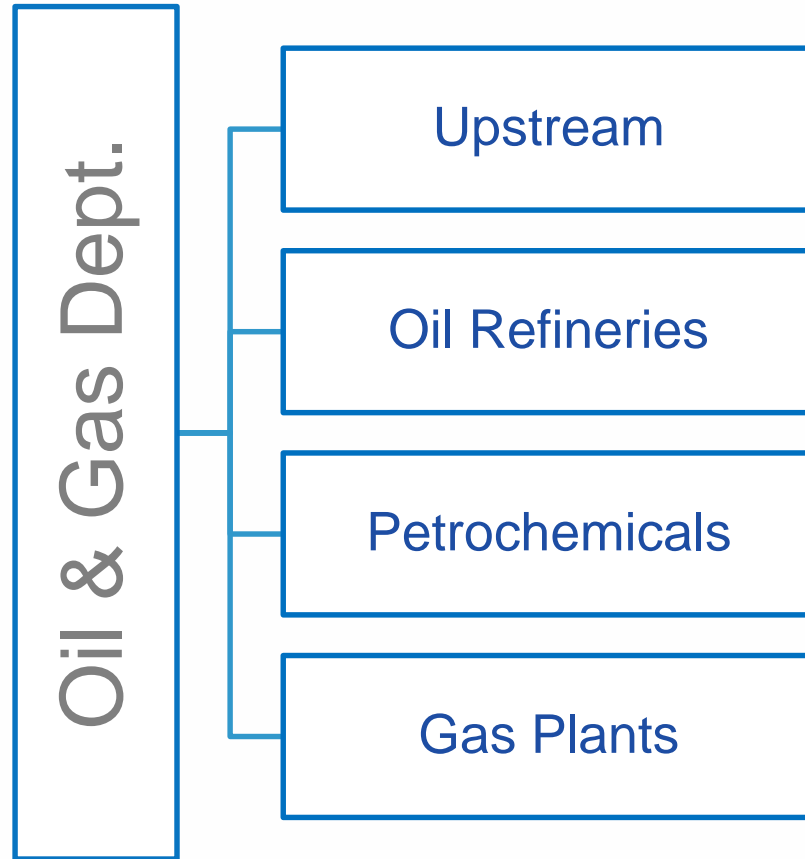
- Affiliated Branches:

UAE – Italy – UK - China

- Main Departments;



Cimaghand Background



- Line of Business;
 - Sales Promotion
 - Business Development
 - Marketing
 - Commercial Support
 - Trading Facilities
 - Engineering Services
 - Technical Support

Clients & Principals

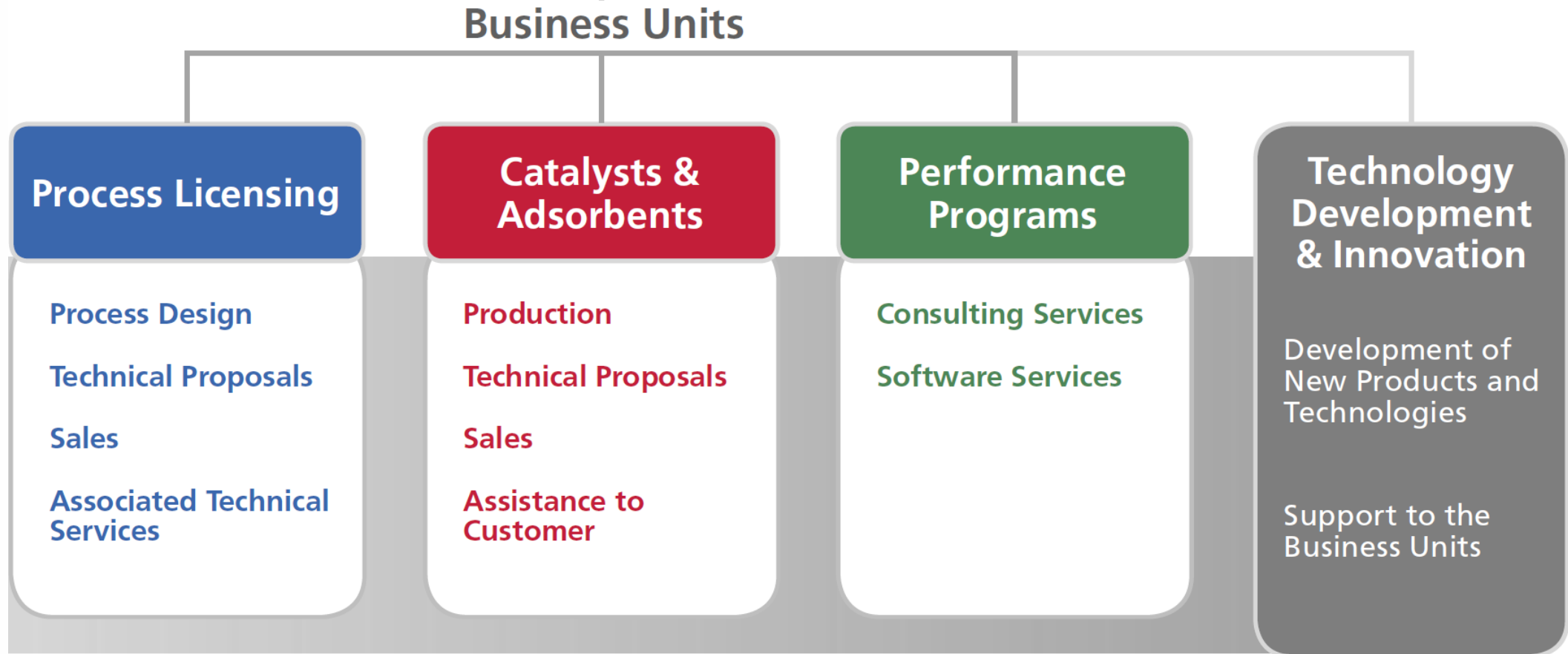
- **NIOC**
POGC – NISOC – ICOFC – NIDC
- **NIGC**
SPGC – Gas Plants
- **NIORDC**
Oil Refineries
- **NPC**
Arak – Amir Kabir – Tabriz – Tondguyan – Kharg
- **PGPIC**
BIPC – BPC – BSPC – PIDMCO – BID BOLAND2
- **POGDC**
- **TAPPICO**
- **Bakhtar Petrochemical Company**
Mahabad - Lorestan



Alfa Laval Packinox



Process Controls Co. Ltd.



Oil Refining



Clean fuels via

[Hydrotreating
Reforming and isomerization
Conversion

Petrochemicals



Olefins purification
Aromatics production and purification
Adsorbents for the chemical industry

Gases



Purification and drying
Liquefaction of natural gas

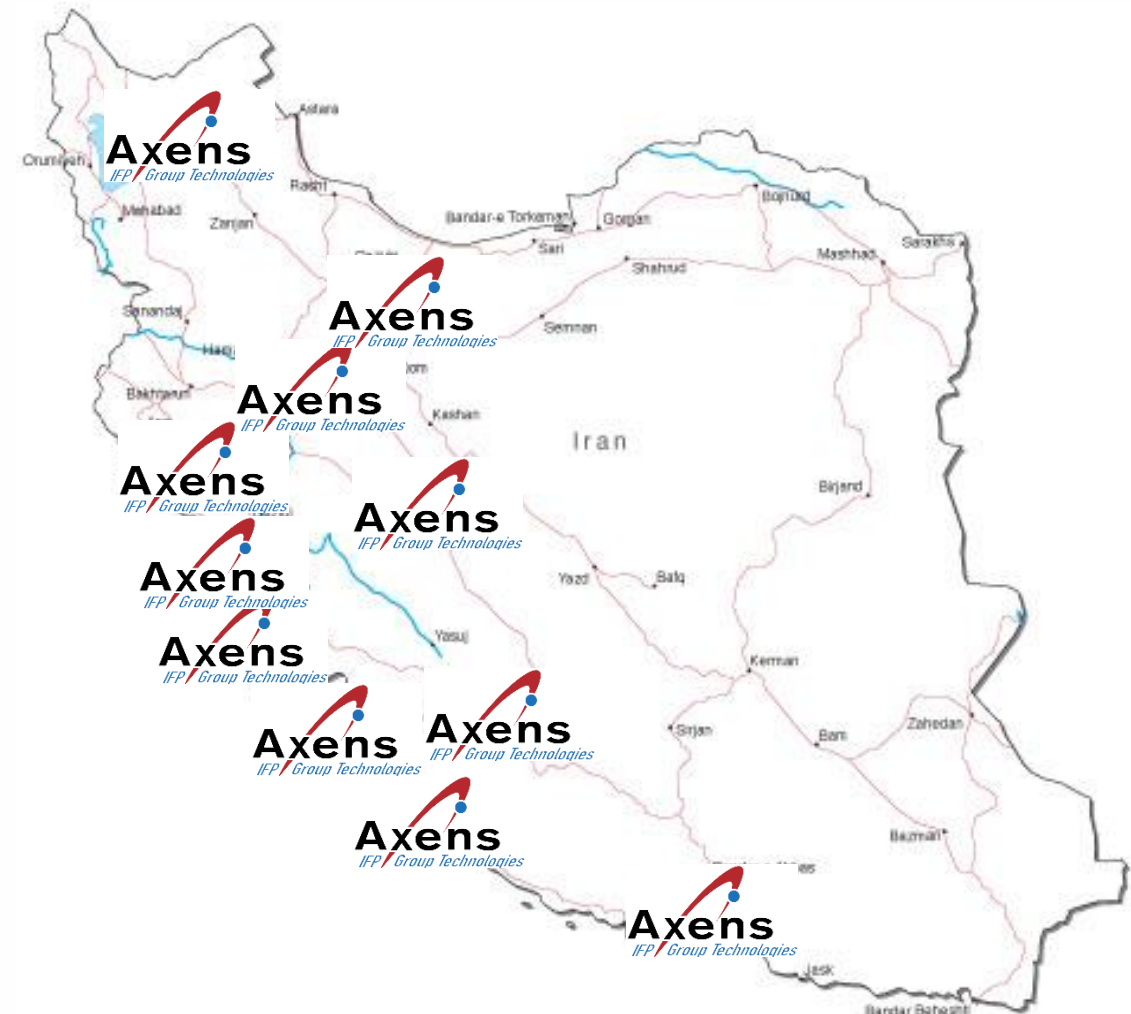
Alternative fuels



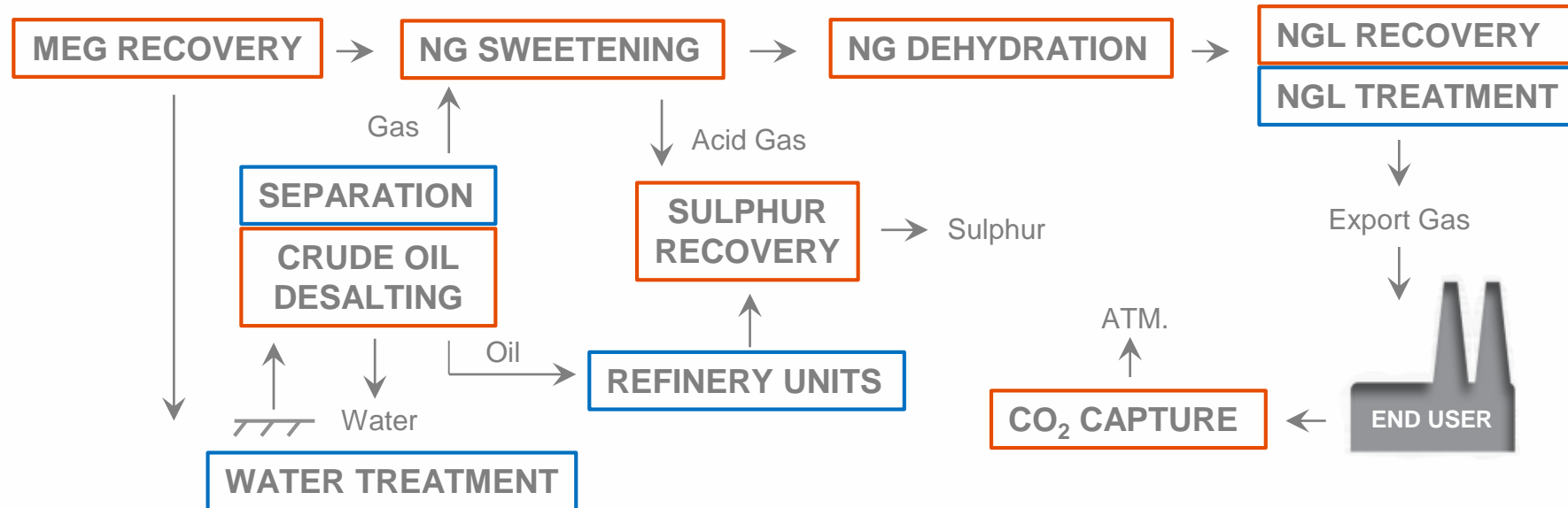
Clean fuels via

[X to liquids technologies
Direct coal liquefaction
Vegetable oils to diesel and jet fuels

- Oil Refineries
 - All oil refineries
- South Pars
 - All Phases : License of LPG Sweetening
- Petrochemicals
 - Borzouyeh - Bouali Sina - Jam – Kian
Bandar Imam – Arak – Tabriz - Lorestan



- The most complete gas treatment technologies portfolio



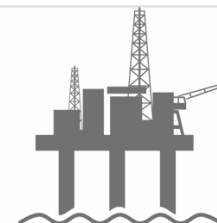
- With partners
- PROSERNAT technologies



ONSHORE












REFINING &
PETROCHEMICALS



OFFSHORE



FLOATING

- 
 - 230 employees
- 
 - Over 450 industrial references
- 
 - Presence in more than 20 countries
- 
 - 4 strategic partners
- 
 - 40 years experience
- 
 - 3% investment in R&D
- 
 - 350 customers worldwide
- 
 - 111 M€ turnover in 2015
- 
 - 2 manufacturing facilities & multiple partnerships



**100%
Flexible**

PROSERNAT References in Iran

- **Gas Treatment Plants**
 - Bid Boland 2 Gas Plant

South Pars

- Phase 1- Phase 2&3
 - Phase 4&5 - Phase 9&10
 - Pars LNG - Phase 15&16
 - Phase 19 - Phase 20-21 - Phase 22-24
- **Petrochemicals**
 - Borzouyeh
 - Bouali Sina
- **Upstream & Oil Refineries**
 - Bandar Abbas
 - MOT Ahwaz





Enterprise Structure

SC Family / South Korea

SC FAMILY

SEWON CELLONTECH

PE Process Equipment
Air Fin Cooler
Power Plant Equipment

ME Hydraulic Equipment
Hydraulic System & Unit
Glass Lining Equipment

RMS Stem Cell System
Regen Graft
SERAZENA

SC ENGINEERING

MATERIAL-PLATFORM

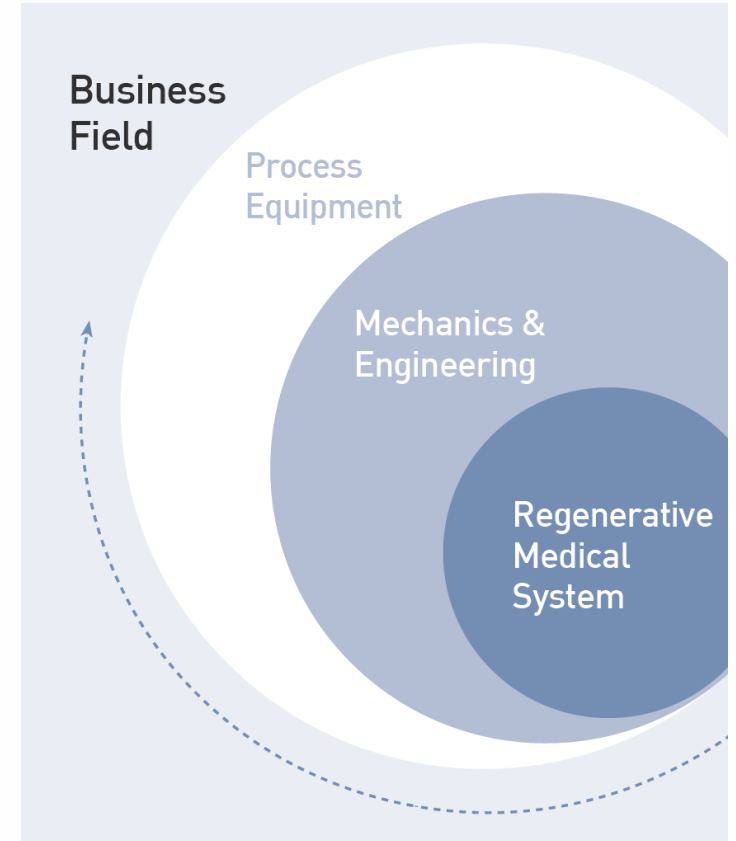
Basic Material
Chemical Material
Bio material

INDUSTRIAL-PLATFORM

Paper&Pulp
KSLV-1 Fuel Ground Facility
H2 Process
Incinerator

ENERGY-PLATFORM

HRSB
Co-Gen PP
CCPP
WHRB



SC Family References in Iran



- Sewon Cellontech

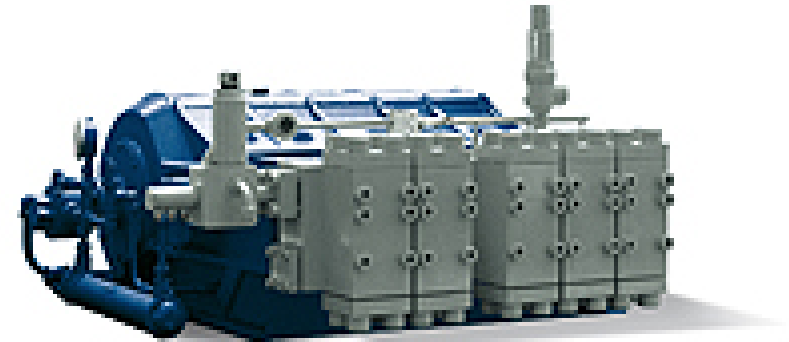
- Bid Boland 2 Gas Plant
- Bakhtar Petrochemical

- SC Engineering

- Abadan Oil Refinery
- Tehran Oil Refinery
- Tabriz Oil Refinery
- Shiraz Petrochemical
- Bushehr Petrochemical



- *Approved vendor of Iran Oil & Gas companies*
- *Established in Milan, 1895*
- *Manufacturer of process reciprocating pumps in API 674*
- *Complete range of triplex, quintuplex and septuplex*
- *Powers up to 2500 kW and pressures up to 1500 bar with Capacities up to 290 m³/h*

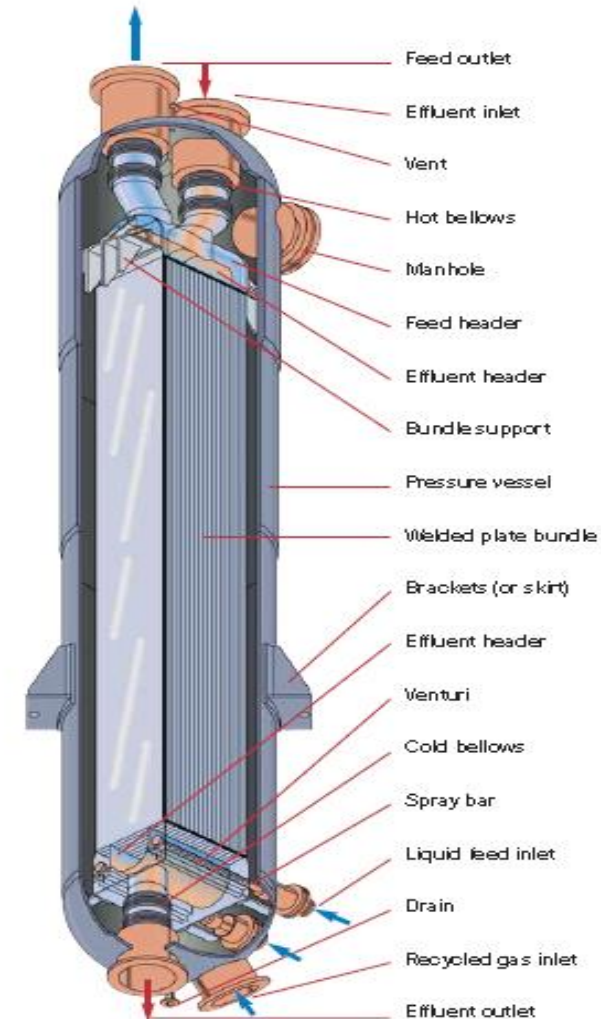




Alfa Laval Packinox

AL Packinox / France

- World leader in large welded-plate heat exchangers
- Over 300 installed references throughout the world
- Applications
 - Feed / Effluent technology
 - Catalytic reforming
 - Hydrotreating/Hydrodesulfurization
 - Paraxylene plants
 - Paraffin dehydrogenation for LAB Plants
 - Methanol synthesis loop
 - Non feed / Effluent technology
 - Stripper Bottoms Heat Exchanger for hydrotreating
 - Ziepack condensers and reboilers
 - ProserPack heat exchanger



AL Packinox References in Iran



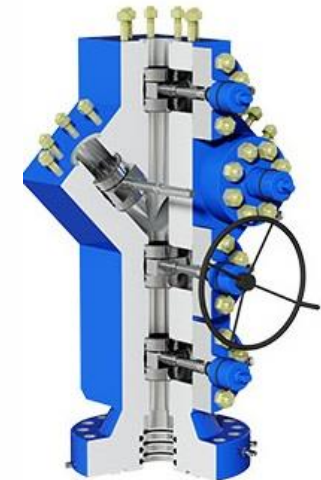
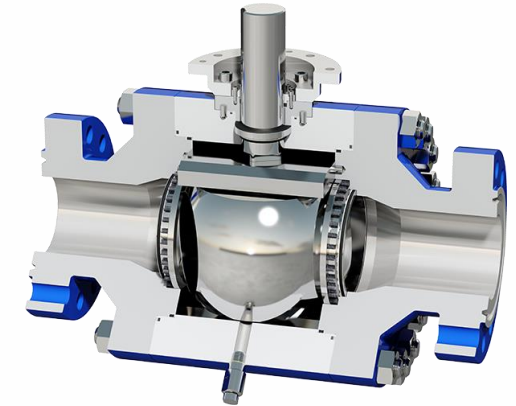
Alfa Laval Packinox

- Shiraz Refinery
- Bandar Abbas Refinery
- Borzouyeh Petrochemical
- Esfahan Refinery
- LAB Esfahan (ICIIC)
- Boualisina Petrochemical





- Founded in 1946
- Manufacturer of Ball valves and Wellhead, API 6A, API 6D
- Ball Valves Types: AST / ASF/ HM / TBV / Special
- Wellhead Types: Base Flange, Casing Double Flange, Casing Tension, Solid Blocks, Clamp Hangers
- Approved vendors of licensors e.g. Axens
- Working pressure up to 10,000 PSI (700 bar)
- Suitable for temperatures ranging from -110°C to +550°C
- Fire resistance, Maintenance Free
- Diameter from 1/2 inch to 40 inches



Hartmann-Exal References in Iran



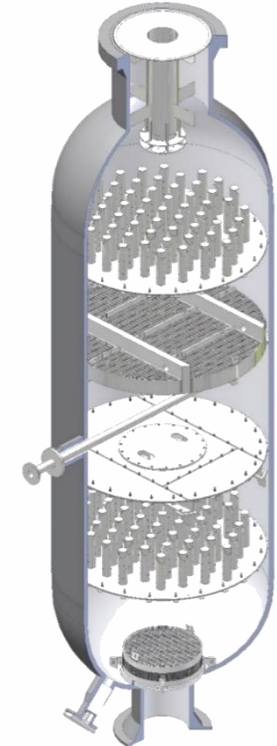
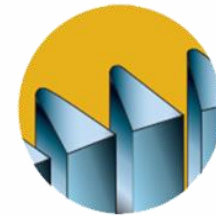
HARTMANN
VALVES

- Tabriz Oil Refinery
- Tehran Oil Refinery
- Borzuyeh Petrochemical
- Bualisian Petrochemical
- Lorestan Petrochemical
- Mapna Turbine (Tuga)
- Shahrood Power Plant
- Kerman Power Plant



- Reactor Internal Manufacturer since 1904
- Approved by Licensors e.g. AXENS, UOP
- JOHNSON VEE-WIRE® TECHNOLOGY
- V-shaped Wire
- Non-plugging
- All welded construction
- **Applications:**

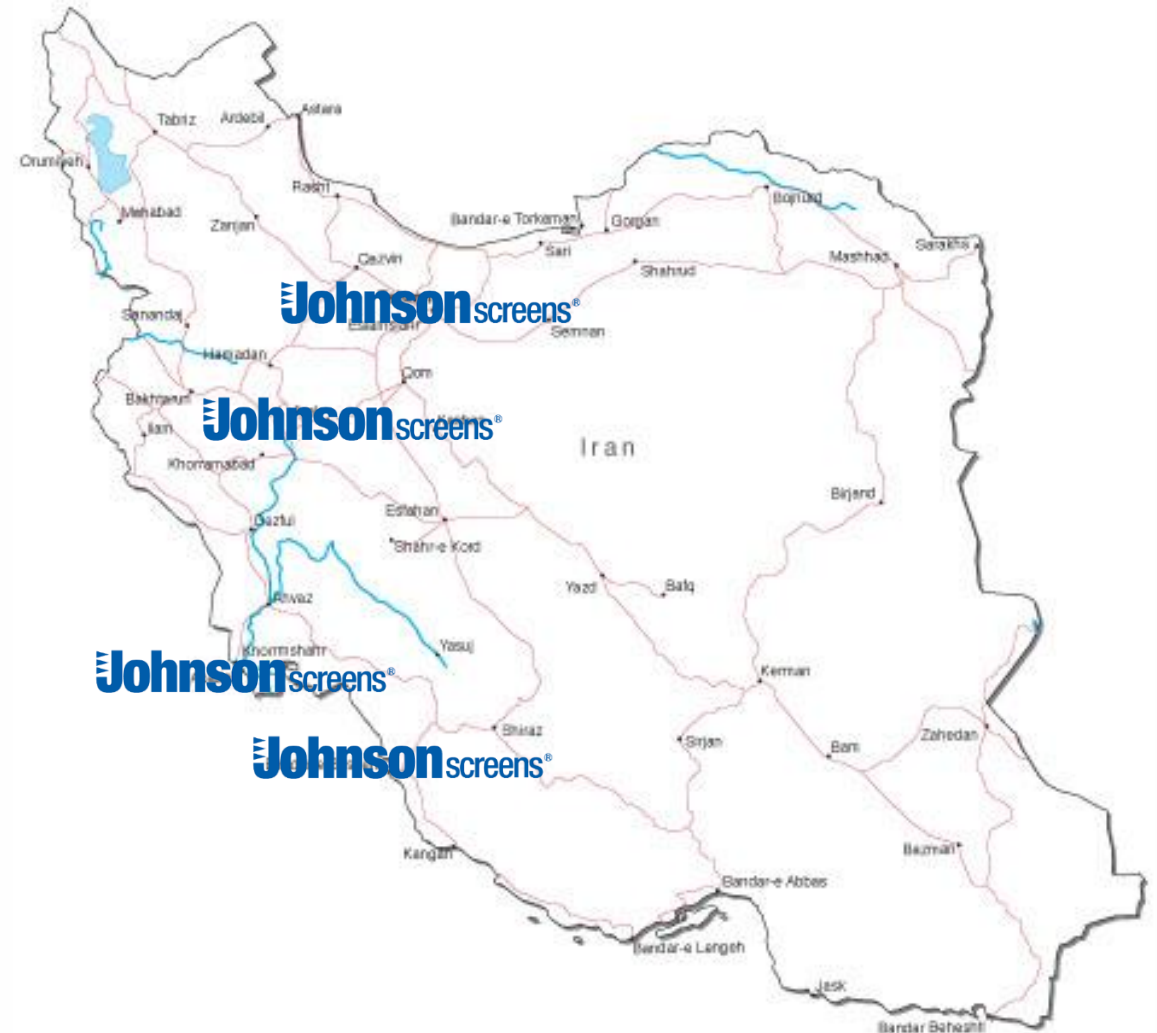
- **Refining:** Catalytic Reforming, Hydrocracking, Hydrotreating, ...
- **Petrochemical:** Ammonia Conversion, Paraxylene, Propane, PTA, styrene monomer, ...
- **Natural Gas:** Molecular sieves (activated and promoted), Alumina, ...
- **Hydrogen & Industrial Gas:** PSA, Sulfur Removal/Treatment, Gas, ...



Johnson Screens References in Iran



- Tehran Oil Refinery
- Borzuyeh Petrochemical
- Bualisian Petrochemical
- Shazand Arak Refinery



- Filter manufacturer, well-known in Europe
- Approved vendor of Shell, Chevron, BP
- Range of Products:
 - Efficient Automatic Self-cleaning Filters
 - Basket Strainers
 - Hydrocyclone Separators
 - Bag Filters
 - Cartridge Filters



■ Applications:

■ *Power plant*

- Hydrocyclone Separators
- Manuel Steel Filters
- Omega Filters
- SHF Filters
- Super GX Filters
- SVF Filters

■ *Cooling Tower*

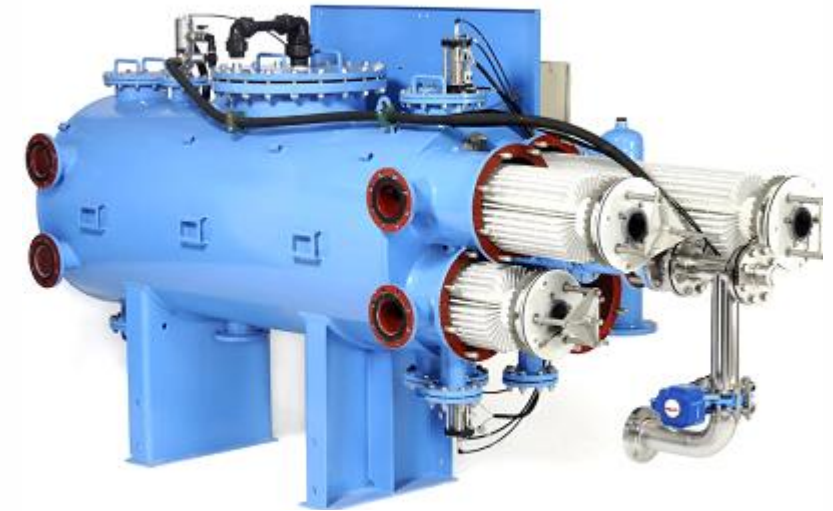
- SK Disc Filters
- SK AP Disc Filters
- Hydrocyclone Separators
- SHF Filters
- SVF Filters

■ *Desalination*

- MAP Filters
- Omega Filters
- TBS-IL Basket Strainers

■ *Oil & Gas*

- KMF Filters
- MAP Filters
- Omega Filters
- SHF Filters
- SVF Filters
- TBS-IL Basket Strainers



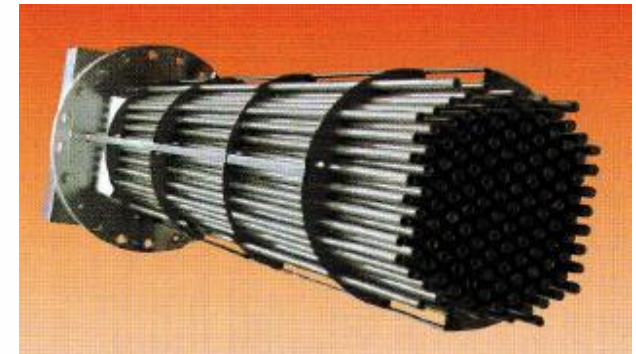
- Darian Power plant
- Sardasht Power Generation
- UmaOya Multipurpose Development



Vulcanic/ The UK



- **Electrical Heating and Cooling Solutions** since 1973
- Employing 600 people across 8 manufacturing locations
- Services 30 000 customers in 100 different countries
- **Products:**
 - Heating elements, screw immersion heaters, flow heaters, process heaters, heating cables, heating panels, heating hoses, heating cartridges, band heaters, electrical industrial radiators, fan heaters, finned strip heaters, air duct heaters ...
 - Thermostats, temperature sensors, temperature probes, pt100 sensors, thermocouples, indicators, measuring transducers, temperature controllers, power units, control panels ...
 - Temperature control unit for water or oil medium, hot, hot/cold and hot/cool, air conditioners for electrical cabinets , heat exchangers air/water, chillers ...





Process Controls Co. Ltd.

PCC / South Korea

Process Controls Company

- Solutions of Measurement and Control for Instrumentation since 1998
- Business Area
 - Control Safety System
 - Heating, Ventilation and Air Conditioning (HVAC)
 - Emergency Shutdown System (ESD)
 - Supervisory Control And Data Acquisition (SCADA)
 - Package Control System
 - Fire and Gas Detection System (F&G)



PCC References in Iran



- South Pars 9 & 10 Siemens HVAC
- Fanavaran HIMA ESD
Petrochem, Acetic Acid
- South Pars 4 & 5 HIMA ESD&FGS
- Iran Fars Petrochem. HIMA ESD
No.9 Olefin EB
- South Pars 9 & 10 HIMA ESD&FGS
- ABADAN Oil Refinery HIMA ESD
HRSG Project
- Power Plant ILAM Pet. HIMA BMS
Co.
- Foroozan Offshore EMERSON DCS / ESD&FGS
Facilities N / HIMA



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