In 1701, the blacksmith Philipp Steiner founded a forge for the fabrication of goods employed in the agricultural, steel making and booming mining industries in the Siegerland. In the 20th century, it developed into a factory for steel construction works and became one of the most recognized fabricators for heat exchangers, high-pressure vessels and skid-mounted units in Western Germany.

Since 1984, the company has been running under the leadership of Bernd Philipp Steiner and has been restructured from a specialized manufacturing company to an independent EPC company. By merging with well-established German engineering companies such as Prematechnik GmbH, Gastec GmbH, adapt GmbH and by establishing an engineering service company Petroleum & Gas Engineering Srl. in Romania, the Steiner Group has become a provider of specialized plants and equipment for the petro & petrochemical and related industries. With Philippe and Olivier Steiner, the 10th family generation is in the lead succession of the Steiner Group and continues to develop our vision “Engineering for limited resources”.

Competition based on a tradition of almost 300 years. A comprehensive range for innovative products and a high-performance team. Welcome to Steiner Group.
The Steiner Group, as a German family-owned company, stands for reliable long-time quality and state-of-the-art solutions.

Steiner Group provides client-oriented engineering solutions, procurement and construction services for Petro & Petrochemical plants, LPG and LNG terminals as well as cokery by-product plants.

Our clients rely on our leading technology approaches to optimize their assets. We focus on project management, front-end engineering, basic & detail engineering, procurement, construction, construction management, commissioning and start-up services. By providing a single-source responsibility, we are able to optimize the entire project by shortening the schedule and reducing costs.

Our extensive project experience includes:
- Gas treating
- Sulfur recovery and tail gas treating
- Natural gas liquids recovery and fractionation
- LNG import terminal
- Storage tanks and terminals for LPG and LNG
- Flare systems
- Pipeline systems

TRADEMARKS:
- SPG Steiner®
- Prematechnik®
- Gastec®
- adapt®

TECHNOLOGIES:
- PremaFlare®
- PremaTrap®
- PremaNOX®
Modularized Gas Treatment Packages

Since 1991, Gastec has been providing process solutions for the petro and petrochemical industry, onshore as well as offshore. With its expertise and innovative approaches, Gastec became a trademark for efficient design, quality fabrication, installation and commissioning.

Gastec is specialized in complete modularized hydrocarbon process & treatment packages with proven and innovative technology solutions.

- Gas & oil separation
- Condensate & water removal
- Produced water treatment
- Acid gas removal
- Sulfur recovery units
- Gas dehydration units
- NGL recovery & fractionation
- Regasification packages

Modularized Gas Treatment Packages

![Modularized Gas Treatment Packages Diagram](image-url)
adapt was founded in 1997 and is one of the leading companies specializing in storage tanks for ambient, low temperature and cryogenic conditions for products such as ammonia, LPG and LNG in line with international design codes and standards.

adapt has substantially expanded its expertise and within the Steiner Group, adapt provides projects on a turn-key basis, including engineering, conceptual design, detail design, project management, procurement, fabrication, construction and commissioning.

- Basic & detail engineering of storage tanks according to the codes: API 650, API 620, EN 24620, BS 7777, BS 2654
- Finite element analysis and verification of storage tank components and structures
- Supply of technical procedures and specifications
  - Erection procedures
  - Inspection and test procedures
  - QA/QC specifications
  - Purging and cool-down procedures
  - Maintenance procedures
  - Decommissioning procedures
- Feasibility studies
- Decommissioning procedures
- Detail design of internal/external piping, including stress analysis

www.spg-steiner.com
Since 1955, Prematechnik has been the pioneer in the sector of combustion technology and environmental protection.

Flare Systems
Prematechnik's proven design for smokeless flare systems has given PremaFlare® its worldwide reputation as a clean, environmentally friendly and reliable safety device in the hydrocarbon processing industry. Prematechnik understands being a full service provider: The procedural design of the equipment, as well as the preparation of the detailed engineering, the production, delivery and installation or their supervision are our tasks in order to ensure the highest quality standards.

Burner Systems
For the protection of the environment to prevent or reduce bad emissions, Prematechnik developed the PremaNOX® burner to minimize the formation of NOx and CO emission, tested and approved by an independent German institute. PremaNOX® burners are mainly used as gas staged type, however, they can also be used as air staged type. The burners are dimensioned individually according to the specification of our customers and are suitable for capacities of 0.5 – 5 MW. Main application areas are methanol plants, H2 plant and CO plant. PremaNOX® are down-firing burners, fuel staged and operated with forced air. The burners are also suitable for the operation with varying gas mixtures.

The equipment is designed for optimum, efficient performance, meeting local environmental regulations and assuring safe plant operations. The control range is 1:5.
Pipeline Engineering & Services

The equipment is designed for optimum, efficient performance, meeting local environmental regulations and assuring safe plant operations.

Valuable ideas converted into reality serve our customers during project development, design and installation of pipelines as well as special equipment.

Our services include the design of pipelines and related equipment such as:
- Slug catchers
- Compressor stations
- Pumping stations
- Metering stations
- PremaTrap® – scraper launcher/receiver stations

Scrapper launcher and receiver traps, complete scrapper stations including all piping, valves and instrumentation as "skid-mounted packages" with partially automatic sequences for cleaning, commissioning/drainage, separation and mechanical calibration.
In 2003, well-known German companies involved in coking technologies have decided to collaborate under the name “Coketec”.

CokeTec members:
- Bellka Stahl- und Anlagenbau GmbH
- BEROA/KARRENA
- HUDE GMBH
- Küttner GmbH & Co. KG
- Pleiger Maschinenbau
- SPG Steiner GmbH
- Turbofilter GmbH

Within Coketec, SPG offers the full line-up of possible process steps for the economical cleaning of coke oven gas and the environmentally responsible processing of by-products:

- Primary gas cookers
- H2S/NH3 scrubbing
- BTX distillation
- Ammonia cracking
- Claus plant

Many types of combinations and configurations of available by-product recovery processes can be designed to provide flexible solutions to meet specific requirements.
Petroleum & Gas Engineering is our integrated engineering service division and provides a full range of field and infrastructure development as well as production enhancement services from every engineering discipline:

- Process
- Piping
- Mechanical
- Civil
- Instruments
- Electrical
- Rotating equipment
- Structural
- 3D modeling

Through the creation of this existing service capability in an integrated way, we expand our skills, gain efficiency and have direct influence on project schedule & costs which brings a greater value to our customers.

Our engineering software:
- PDMS
- PDS
- PV Elite
- Microstations
- CHEM CAD
- AUTO CAD
- HYSYS
- Caeser II, FEPipe, PipePlus
- Power Tool, Ampcalc, LitePro, Calculux, EERaceway, Wireworks
- Intools, InstruCalc
- Frameworks, SAAP 2000
- SKM PowerTools
- MATHCAD
- Foundation 3D-DimSoln, DSANCHOE-DimSoln
- Combined 3D-DimSoln
- PCC-Red Bag
- Descon Brace 6.0/
- DesconWin 6.0 ASD-ASDM
- PRO II
- OrthoGen
- CalcWare
- STAAD.Pro
- Visual Lighting
- NavisWorks
- ISOGEN

Petroleum & Gas Procurement offers complete procurement services which are charged with the responsibility of conducting the purchasing function in a manner which results in obtaining the most efficient and effective use of our clients’ requirements.

Our procurement experts are familiar with the markets, customs and environmental regulations, permitting requirements and laws of the communities where we work. Their localized knowledge is essential for expediting orders and quickly solving problems.

Our global experience combined with long-term relationships to suppliers worldwide enable us to procure materials of high quality, to synchronize delivery logistics with overall project schedules and to guarantee on-time delivery.
With our roots as a highly qualified manufacturer going back many decades, we know how to support our engineering departments with practical solutions. With well-trained employees and great experience, SKO Steiner can handle all grades of carbon steel and stainless steel, heat resistant and low temperature materials as well as special alloys. Our manufacturing operations are specialized in the fabrication of modularized process packages, pressure & high pressure vessels, heat exchangers as well as Prematechnik design flare systems – PremaFlare®.

With our QA/QC, we provide plant inspections, site supervisions and international expediting/quality control to insure the highest quality standards that the Steiner Group is renowned for.

- ASME Code U-Stamp/NB
- AD 2000 (HP0)
- HP-100R
- TÜV 201
- EN 122952
- DIN EN 13445 R1 97/24/EG
- DIN EN ISO 3834-2

As a family-owned company, we live the philosophy of being close to our clients and to take care of our clients’ needs.

Petroleum & Gas Middle East, based in Dubai, United Arab Emirates, is our division to support our clients in the Middle East and North African countries with respect to construction and construction management, supervision, start-up & commissioning.

- Maintenance services
- Site supervision
- Roof air raising (erection of storage tanks)
- Purging and cool-down of low temperature & cryogenic storage tanks service

Fabrication & Supervision Services

Construction Management & Special Site Operations