



**PROPAN UND AMMONIAK
ANLAGEN SALZGITTER**



**think
green**
BY PA SALZGITTER

YOUR PARTNER WITH ENERGY!
DIVERSE AND UNIQUE CONCEPTS FOR
THE CONSTRUCTION OF GAS PLANTS

ABOUT US



YOUR PARTNER WITH ENERGY!

For more than 30 years, PA Propan & Ammonium Anlagen GmbH has been your specialist for liquefied gas systems and an expert supplier of pumps, compressors, industrial fittings, metallic sealing technology, pipes, flanges, weld fittings and all accessories. As an agile family owned and managed company, we pursue high quality standards and prioritize the long-term satisfaction of our customers. We are characterized by a future-oriented and innovative way of working, which is why we are pioneers in our industry through the use of new technologies and numerous patented systems. From the planning and construction to delivery, assembly and maintenance: As a service partner, we are able to offer you professional services from one source.

OUR PORTFOLIO OF SERVICES / OVERVIEW:



Preparation of the approval documents, Drawings, Hazard Analysis



Plant Construction



Production and Manufacturing



Service & Maintenance, Commissioning, TÜV, Repairs



Wholesale



Electrical Engineering



Engineering Services

OUR PRODUCTS AND SERVICES



LNG Filling Units



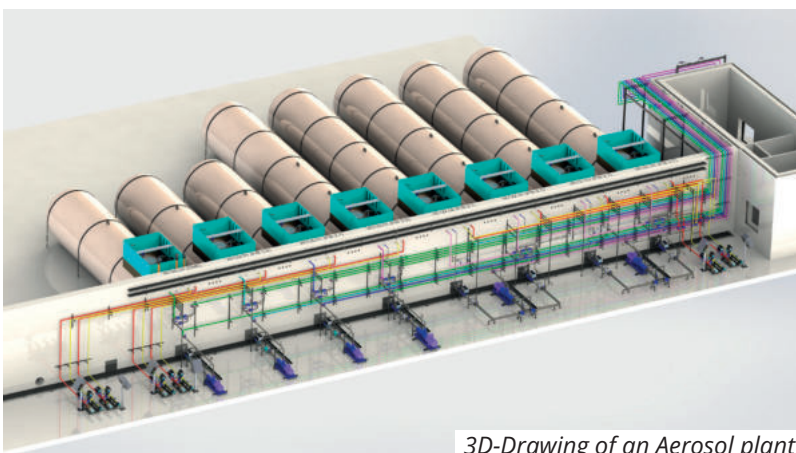
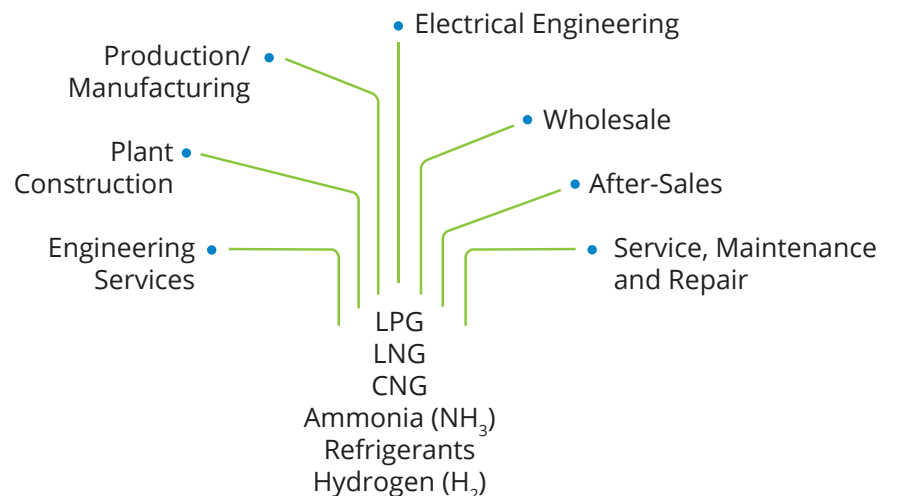
Major Project Beiersdorf



Biogas Plant

WE ACHIEVE MORE FOR YOU

We develop innovative and customised concepts for all individual customer requirements. To this end, we look energetically and ecologically "green" into the future and, in addition to the conventional propane, butane and LPG systems, we offer new concepts for combustible refrigerants and the environmentally friendly hydrogen, LNG and CNG.



3D-Drawing of an Aerosol plant



Commissioning of an LNG-Unit



ENGINEERING SERVICES

HOAI-Engineering (Services and fees for architects and engineers) under § 5 according to fields and business segments for:

- Automation, process, commercial, industrial and storage plants for LPG, CNG, LNG, Ammonia, aerosol as well as for all biogases
- Liquid gas storage and distribution facilities
- Liquid gas facilities of all possible scales as well as assemblies Planning
- Vaporizers, Compressors and pressure boosting systems
- Autogas, LPG-Skid-systems and cylinder filling systems of all sizes and types
- Pressure regulator stations, Gas pressure measurement systems, Gas-mixing plants,

Gas pressure boosting systems and conditioning installations

- Amendment and proposal preparation of license and permit application according to § 13 BetrSicher (Industrial safety Regulation) and BImSchG (Federal Immission Control Act) – ready for signature
- Risk assessment, explosion protection documents as well as protection concepts and more, according to Industrial safety Regulations
- Alarm systems and emergency plans
- Safety assessments for existing installations
- Schematic drawings of installations, as well as piping plans, etc. through our own Computer Aided Design (CAD)-Department
- Electrical cabinet and special constructions for machines, commercial and industrial automation



PRODUCTION/MANUFACTURING

Production, delivery and installation of assembly groups and facilities such as:

- Production and manufacturing of assembly groups, filling units and pressure equipments
- Vaporizers, Compressors and pressure boosting systems
- All sizes and types of Autogas, LPG-Skid-systems and cylinder filling units

- Pressure regulator stations, Gas pressure measurement systems, Gas-mixing plants, Gas pressure boosting systems and conditioning installations
- In-House production of various fittings
- Units and systems on rental basis
- Manufacturing of special plants as well as components, based on customer's request



ELECTRICAL ENGINEERING

Electrical switch cabinet and special constructions - Specialised supplier of all electrical components focused on plants as well as commercial and industrial automation

- Construction of electrical switch cabinet and special constructions – Specialised supplier of electrical equipments
- Entire automation solutions according to customer requirements
- Main and sub-distributor panels as well as energy distributor, control and measurement cabinets

- Switching and control panels as well as visualisation system of all process flows
- Switch cabinet construction and switchboard plants from prototype to series production
- Electrical and electronic solutions according to customer requirements
- Programming of PLC control-units
- Creation of circuit diagrams
- Assembling of components and subassemblies
- New constructions, conversion and extension of switching cabinets and switchgear systems



PLANT CONSTRUCTION

Production, manufacturing, delivery and assembly of new construction, conversion, extension and strengthening of all liquid gas, ammonia and aerosol installations in all dimensions as for example:

- All sizes and types of Liquid gas, Ammonia and Aerosol installations
- Autogas, LPG-Skid-Systems and cylinder filling systems
- Vaporizer up to 6.000 Kg / h
- Compressor and Pump Units
- CNG-, LNG-, Refrigerants- and Hydrogen plants

- Gas/air Mixing Systems
- Liquefied gas systems and conditioning installations for biogas plants
- Central Gas supply network
- Inspections of the tank and the pipeline as well as Gas Warning Systems
- Pipeline construction through certified welding staff
- All works on existing system controls for measuring and control technology (MSR)
- Upon request, all assembly groups and special installations
- Gas Cylinder Vending Machines



SERVICE & MAINTENANCE, COMMISSIONING, TÜV, REPAIRS

Powerful and branch-related After-Sales Partner for all maintenances, services and repairs

- After-Sales Partner for maintenance, service, repair works and approvals for LPG dispensers
- Telephone support & Emergency Service
- Periodic inspections for LPG, LNG, CNG, DME, Ammonia and Aerosol installations
- Inspections of Liquid gas dispenser for usage subject to calibration (sales to third parties)
- Regular inspection of pipelines and gas warning system as well
- Periodic internal and external inspection of pressure tanks
- Updating of the explosion-protection in a potentially explosive risk areas
- Acoustic Emission Testing of pressure tanks in close cooperation with the TÜV
- Well-sorted and fully equipped service vehicles with trained service specialists, which are operating all over Germany



WHOLESALE

Specialist retail of fittings as well as a specialised supplier for the industries as for example of LPG, CNG, LNG, Ammonia, aerosol as well as for the power plant technology, Industry of oil and gas, chemical and petrochemical companies, in addition to pipelines and environment engineering – from the standard product to the special fittings

- Regular and well assorted stock for over 20.000 items
- Large assortment of pumps and compressors
- Various vaporizer systems, permanently available, even on rental basis
- Well assorted special range of gaskets, pipes, flanges, pipe bends, welding fittings, accessories and more
- Various LPG-Dispensers manufactured by ourselves, permanently available, also with electronic data acquisition system
- Measurement equipment, also for usage subject to calibration (sales to third parties)
- Electrical material and components as well as electrical cabinets for control units - energy distributors
- Well assorted partner's product range as the following subjects listed as for examples DIN – high-pressure-valves, ASME and DIN-Shut-off valves, backflow protection, ball valves, butterfly valves, special fittings available in different sizes, materials, designs and pressure levels



Ihr bewährter Fachhändler im Bereich fließender Güter

– fördern, sichern, messen, temperieren, regeln, absperren –

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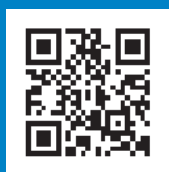
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WE SAY THANK YOU!

Many thanks to our partners who have contributed to the creation of this brochure.

We look forward to further cooperation and many successful projects!

EVAG Deutschland GmbH

Europäischer Vertrieb für Arbeitssicherheit und Gefahrgutmanagement



Ihr kompetenter Partner für

- **Arbeitssicherheit**
- **Gefahrgutmanagement**
- **Planung Flüssiggas- Anträge nach BetrSichV + BImSchG**

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Ronschke



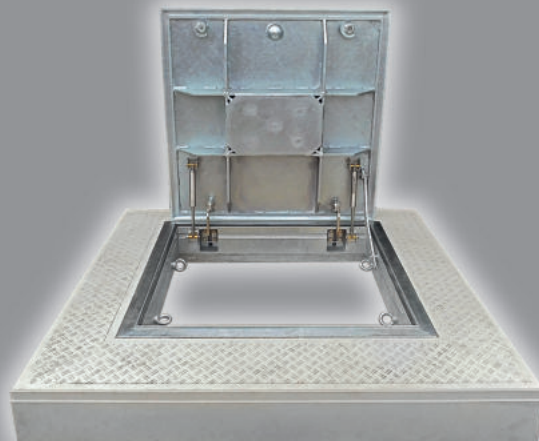
Seit über 40 Jahren bieten wir zuverlässige Lösungen für einen effektiven und werterhaltenden Korrosionsschutz.

Kathodischer
Korrosionsschutz

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Telefon 05105 66495-20 · Telefax: 05105 66495-40
info@ronschke.de · www.ronschke.de

OFFEN FÜR ALLES!

- Schachtabdeckung WAD III 920 / 400 kN
- Besonders großes Öffnungsmaß von 920 x 920 mm
- Bodenebene und deckelübergreifende Varianten
- Deckelarretierung
- Lieferbar mit oder ohne Betonkranz
- Betonkranz aus Luftporenbeton, wahlweise in Betongüte C30/37 LP (außerhalb LAU-Fläche) oder C35/45 LP (innerhalb LAU-Fläche) – beide mit 4% Gefälle und rutschfester Oberflächenstruktur. Hoher Frost- und Tausalz widerstand
- Auch mit DIBt-Zulassung erhältlich
- Folgende Komponenten in Edelstahl: Verriegelungsbolzen mit eingelegerter Dichtung, Gasdruckfedern und Scharniere



Auch mit optionaler Temabond-Beschichtung für noch besseren Korrosionsschutz und mehr Sicherheit.



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