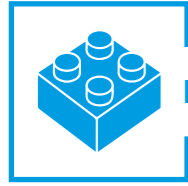




SPECIALISTS IN TECHNICAL GASES



MODULAR SYSTEMS



PLANT CONSTRUCTION



AFTER SALES SERVICES

IDEAS INSIDE ^{EPC}



CRYOTEC Company Presentation

Structure | Business Fields | Services

CONTACT

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Coolness is our Expertise

CRYOTEC Anlagenbau GmbH was founded in 1995 and is a member of EPC Group since 2009. The company, situated in Wurzen, Saxony, is specialized on innovative solutions for air separation plants and technical gases. At its headquarter in Wurzen the company owns more than 2,000m² of production area and more than 5,000 m² of storage space. This enables CRYOTEC Anlagenbau GmbH to realize its numerous international projects directly in-house.

The company supports its clients beginning with the engineering, over the manufacturing, montage and commissioning and even offers after-sales services. Doing this CRYOTEC Anlagenbau GmbH can always offer highest economic feasibility, fulfill environmental requirements and provide its clients with tailor-made solutions.



CRYOTEC Anlagenbau GmbH is certified per DIN EN ISO 9001

IDEAS INSIDE ^{EPC}



Cryogenic plant construction - plants for technical gases

About the preparation, application and usage of industrial gases

Plants for the separation of gases and air have been built in the Saxon town of Wurzen since the mid 1950's. Today, CRYOTEC offers tailor-made solutions. The concept of each plant is adapted to its requirements and demands. The customised requirements determine the course we take.

We place great importance not only on being your expert as a prime plant manufacturer but also by offering an excellent service. All the way from planning and manufacturing to training and commissioning locally at your premises.

We provide our customers with quick and reliable support even over great distances by availing ourselves of remote diagnosis and maintenance services. By using a state-of-the-art documentation system, a smooth supply of spare and wear parts is guaranteed. The economic efficiency and reliability of your CRYOTEC system is always in the forefront.

OUR SERVICES



- Technical Concepts
- Commercial Concepts
- Feasibility Studies
- Risk Analyses
- Financing Concepts

- Process Development
- Process Engineering
- Pre-Basic Engineering
- Basic Engineering
- Detail Engineering
- Engineering for Public Authorities
- Technical Purchasing
- Commissioning & Trial Operation
- Documentation

- Plant Planning
- Pipeline Engineering
- Engineering, Measuring & Control Equipment
- Construction / Steelwork
- Manufacture
- Quality Assurance
- Project Management

- Construction & Assembly
- Supervision of Construction & Assembly
- Pre-Commissioning
- Start-Up
- Commissioning

- Maintenance & Repair
- Wear & Tear, Spare Parts
- Remote Maintenance
- Modernization
- Plant Conversions
- Training

Our Technology Portfolio

Air Separation Systems

- Low temperature rectification process
- Liquefaction & Storage of O₂ / N₂ / Ar
- Membrane and pressure swing adsorption technology



CO₂ Technologies

- CO₂ Recovery
- Cleaning / Purification
- Liquefaction / Storage
- Dry ice production



Natural Gas and Biogas Plants

- LNG / bio-LNG plants to liquefy natural gas / biogas
- Preparation of natural gas / biogas
- Storage of LNG / Bio-LNG
- LNG filling stations (modular or stationary construction)
- Boil-off gas recovery



Special Applications for Technical Gases

- Special gas liquefaction systems
- Special gas purification systems
- Storage of gases



SELECTED REFERENCES

Air Separation Plant - NG 600
LOCATION / Egypt
CLIENT / Tecnimont Private Ltd.
CAPACITY / 600 Nm³/h GN & 60 Nm³/h LIN

CO₂ Reliquefaction Plants - CTK 350
LOCATION / Germany
CLIENT / Comtecswiss
CAPACITY / 350 kg/h LCO₂

LNG Liquefaction Plant - LNG 1500
LOCATION / Perm, Russian Federation
CLIENT / Cryogastech CGT
 for Gazprom GasenergoSetj
CAPACITY / 1,500 kg/h LNG

Helium Purification Plant
LOCATION / Dresden, Germany
CLIENT / ILK Dresden
CAPACITY / 200 Nm³/h



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A Member of **EPC GROUP**



- Cryogenic Systems
- Systems for Compression & Liquefaction of Gases
- Small Scale LNG Systems
- Air Separation Systems
- CO₂ Technologies
- Special Applications for Technical Gases



- Polymers & Fibers
- Chemistry & Specialty Chemistry
- Renewable Energies
- Biotechnologies
- Engineering Services & Infrastructure
- Pharmaceuticals & Fine Chemistry
- Construction Engineering
- Infrastructure
- Building & Civil Engineering
- Project Management
- Technical Building Equipment
- Building Automation
- E/I&C Technology
- Electrical Engineering & Telecommunications
- Ventilation & Air-Conditioning Systems
- Heating & Sanitary Systems