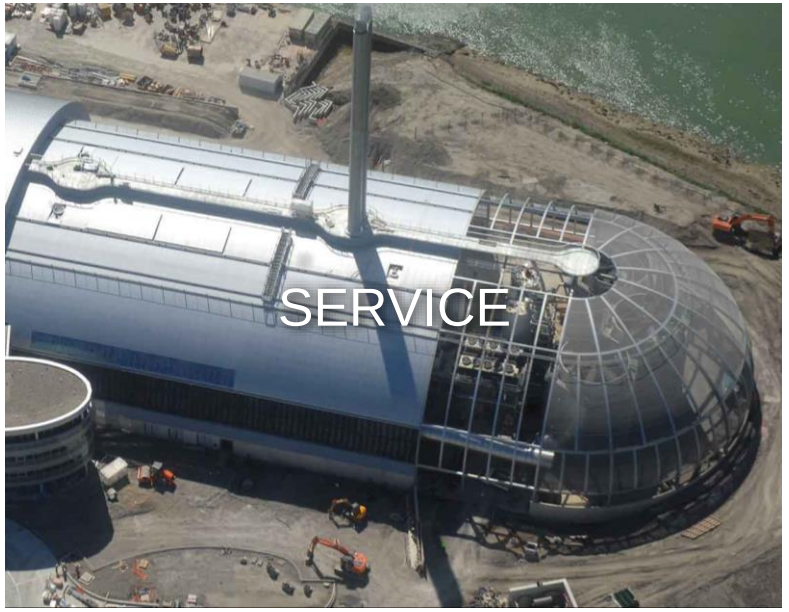
Marquard Engineering GmbH & Co. KG

COMPANY PRESENTATION

START

COMPANY

Your expert for international engineering and personnel services in large-scale plant construction and in the energy industry as well as for the planning of technical building equipment.



THE COMPANY

Innovative services, reliability and a high level of customer orientation are the cornerstones of Marquard Engineering GmbH & Co. KG. We offer our partners services in the fields of commissioning, planning, health and safety coordination, operating personnel, project planning, installation and construction management at the highest level.

As a medium-sized family business with a tradition of more than 30 years, we see the pillars of our success in the constant expansion of our scope of services and the great willingness to offer innovative and individual services in the field of engineering and personnel services in power plant and plant construction. In addition, we have greatly expanded our expertise in the field of technical building services in recent years and have already successfully implemented numerous projects in this area.

Marquard® Engineering GmbH & Co. KG

HISTORY

- In 1987 the engineering office was founded as Prisma GmbH.
- In 2001 Prisma GmbH became NV-Enertech GmbH.
- In 2009 NV-EnerTech GmbH re-located into the new Passive House, supporting the economic efficiency of the company and setting an example for the conscious use of natural resources.
- In 2018 NV-EnerTech expanded the Services Provision into the business Area of Technical Buildings Facilities.
- In 2019 NV-EnerTech Consulting & Engineering GmbH & Co. KG changes the company name to Marquard Engineering GmbH & Co. KG.

BUSINESS AREAS

True to our motto “Let's make it work” we manage Project Development from start to finish and offer flexibility in all areas from Project Planning through to Commissioning of Industrial- and Power Plants. Furthermore we plan the technical building equipment (TGA) for public and commercial buildings for our customers.

POWER PLANT TECHNOLOGIE

Power Plant technologie is one of the central business areas of Marquard Engineering GmbH & Co. KG:

Whether commissioning, planning, design, installation, construction management or in the areas of health and safety coordination and the operating personnel – we have the competence and experience to give you professional support in every phase of your Project!

You can rely on us for all these types of Power Plants:

- Biomass Heating Power Plants
- Hard coal-fired power plant
- Lignite power plant
- Gas and Steam Power Plants
- Heat storage power plant
- Sewage sludge incineration plant
- Waste incineration plant
- Gold sludge incinerator
- Pharmaceutical plant
- Chemical plant
- Petrochemical plant

Building Services (TGA)

The technical building equipment ensures a safe, sustainable and economic usability of a property. Our experienced TGA team offers the planning of technical building equipment for the areas of sanitary, heating, electrical engineering as well as air conditioning, ventilation and refrigeration technology.

Marquard® Engineering GmbH & Co. KG

BUILDING SERVICES (TGA)

Use the most modern technology for your Building Facilities. We will plan for you and advise regarding the technical facilities of:

- Production Halls
- Office Buildings
- Trade Halls
- Supplies Buildings for Power Plants
- Public Buildings

We offer you effective planning and support through all planning phases in the areas of air conditioning, plumbing, heating and electrical engineering.

Our Offers Catalog incorporates Technische Buildings Facilities (TBF) according to HOAI § 53 (Performance phase 1 to 9) from initial appraisal to on-site supervision.

Marquard® Engineering GmbH & Co. KG

BUILDING SERVICES OVERVIEW

Air-Conditioning, Ventilation and Refrigeration

Sanitation

Heating

Electrics Technology

- Ventilation installations with heat recuperation and controlled Fresh- and Recirculated Air.
- Air Extraction (Alternativ: Exhaust Air) Installations
- Refrigeration Installations
- Air Conditioning
- Ceiling Cooling and Sound-Reduction Fabrics

Marquard® Engineering GmbH & Co. KG

OVERVIEW OF SERVICES (TGA)

Air-Conditioning, Ventilation and Refrigeration

Sanitation

Heating

Electrics Technology

- Supply and Disposal Systems
- Water Treatment
- Rain Water Utilisation

Marquard® Engineering GmbH & Co. KG

OVERVIEW OF SERVICES (TGA)

Air-Conditioning, Ventilation and Refrigeration

Sanitation

Heating

Electrics Technology

- Heat Generation Systems
- Heating Installations
- District Heating Networks, Energy Control Centers, Emergency Heating Centers
- Floor, Wall and Ceiling Heating

Marquard® Engineering GmbH & Co. KG

OVERVIEW OF SERVICES (TGA)

Air-Conditioning, Ventilation and Refrigeration

Sanitation

Heating

Electrics Technology

- Building Automation.
- High and Low Voltage Technology
- Lighting
- Data /Network Technique
- Communications Technology
- Safety Technology and Fire Alarm Installations
- Transformer Stations, Medium Voltage Technique, Low Voltage main Distribution
- Acess Control
- Instrumentation and Control Technology.
- UPS Installations

TEAM SKILLS (TGA)

Our TGA team has the following knowledge and skills:

BIM

3D Planning

Industries

Areas

Our employees use the Building Information Modeling (BIM) standard for planning the building services.

Marquard® Engineering GmbH & Co. KG

TEAM SKILLS (TGA)

Our TGA team has the following knowledge and skills:

BIM

3D Planning

Industries

Areas

The planning for your project will be realized in 3D if desired.

TEAM SKILLS (TGA)

Our TGA team has the following knowledge and skills:

BIM

3D Planning

Industries

Areas

Each of our TGA specialist planners brings different industry knowledge to our company. Projects have already been implemented in the following areas:

- Chemical industry
- Automotive Industry
- Energy industry
- Housing construction industry
- Public buildings
- hotel industry

TEAM SKILLS (TGA)

Our TGA team has the following knowledge and skills:

BIM

3D Planning

Industries

Areas

- Air-conditioning technology
- Heating Technology
- Electrical planning
- Heat pump systems
- Steam plants
- Sanitary facilities
- Automation Technology/Building Control Systems

TEAM SKILLS (TGA)

Our TGA team has the following knowledge and skills:

Public projects

National and international projects

Our employees have already implemented several projects for public clients. No matter if schools, gymnasiums or public administration buildings, our TGA -Team realizes all orders in a competent and sovereign way.

Marquard® Engineering GmbH & Co. KG

TEAM SKILLS (TGA)

Our TGA team has the following knowledge and skills:

Public projects

National and international projects

Our team is internationally positioned and brings a wealth of experience in the implementation of Germany-wide and worldwide projects.

WHAT WE DO

Our range of services includes innovative and goal-oriented services at the highest level. Our employees are highly trained and experienced in the following areas:

Marquard® Engineering GmbH & Co. KG

COMMISSIONING

In the commissioning of an industrial plan we are, as in all the sectors set out above, a reliable partner. We know what we are talking about. The many years of experience of our employees, constantly confirmed by the satisfaction of our customers, allow the new or modified plant to be easily put into smooth commercial operation.

During commissioning our employees assure the coordination of the relevant sequences or the entire organisation. This includes the coordination of deadlines and personnel as well as quality management and health & safety.

PLANNING

Our experienced employees take over the planning for the construction and technical building equipment of all projects in the energy industry, pharmaceutical industry, chemical industry and the public sector.

Professionalism, competence and experience are required here. And this is exactly what Marquard Engineering GmbH & Co. KG has been able to offer you for over 30 years!

Our employees are highly qualified, have been trained for the specific requirements of the respective industry and are highly motivated.

Marquard® Engineering GmbH & Co. KG

HEALTH AND SAFETY COORDINATION

The Health and Safety Coordination
is a measure to ensure the safety of construction and projects, taking into account the respective technical conditions.

Our occupational safety specialists take over the planning and coordination of occupational safety for your construction project.

OPERATING PERSONNEL

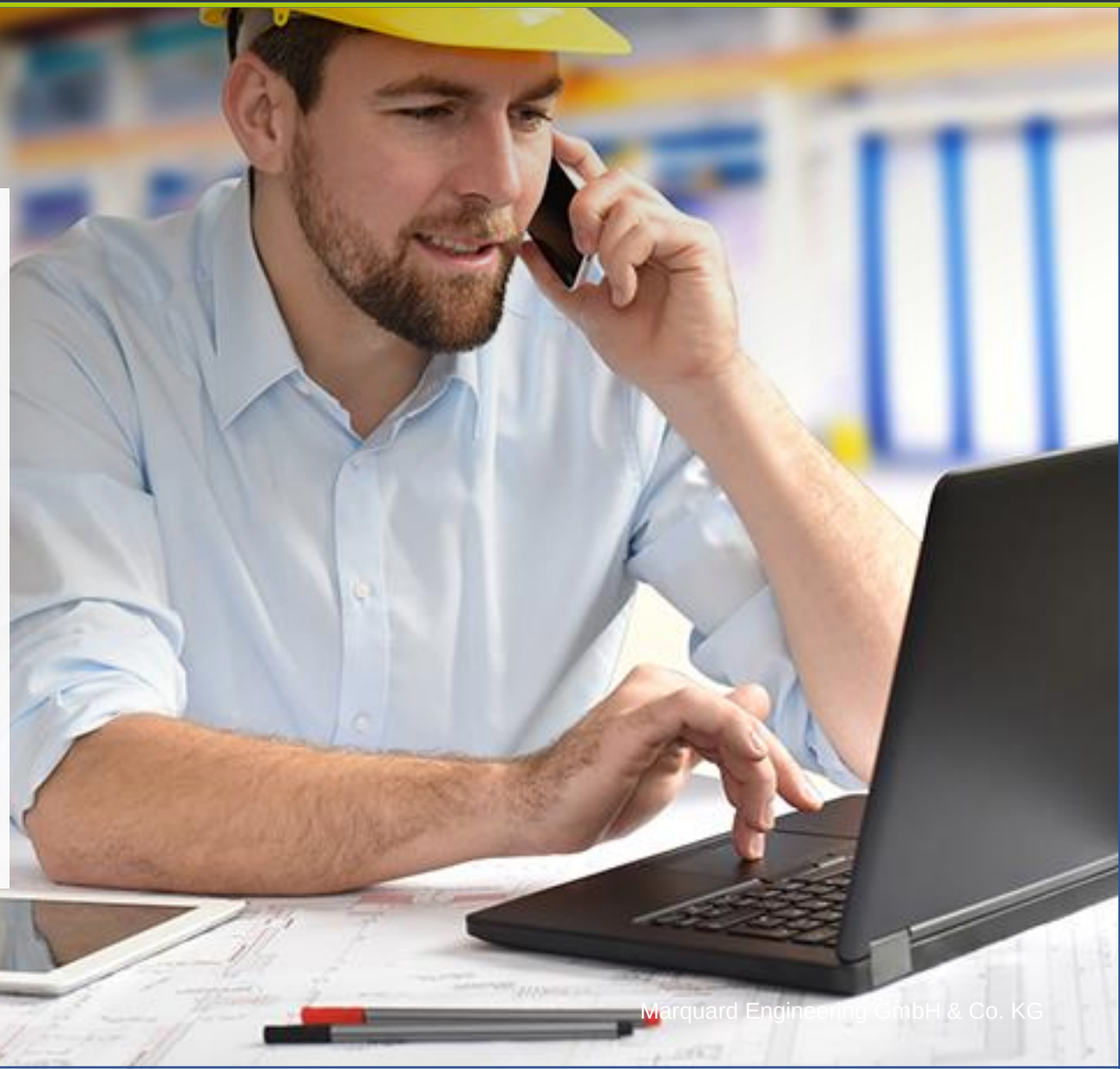
You need support in power plant technology? We have the right personnel for your project!

Whether electrical engineers and electrical technicians, power plant operators, power plant engineers and power plant foremen, boiler attendants, safety and security engineers, site managers, mechanical engineers and mechanical technicians or welding engineers, we are happy to provide you with our skilled personnel.

PROJECT DESIGN

The successful implementation of larger projects depends, in addition to comprehensive and competent planning, particularly on precise project planning.

Our experienced employees will support you also in this project area, please contact us!



INSTALLATION

Our experienced staff will take over the supervision of installation in all areas of the power plant for you.

No matter whether in steel construction, in the assembly of mechanical or electrical parts, we implement the assembly flexibly and efficiently for you.

Please contact us, we will be happy to advise you!

SITE MANAGEMENT

Efficiency saves costs and brings economic advantages. Particularly in site management a well-organised infrastructure and well-prepared management on site are essential prerequisites for success.

Specialists ensure that the individual building sectors, including infrastructure, interlock properly and the targets are achieved according to plan.

For power station plants we carry out site management in the fields of electrical, measuring and control engineering, Digital Control Systems, automation and process technology.

REFERENZEN

ANDRITZ
uniper
BILFINGER
BAYER
DOOSAN Doosan Lentjes
caliqua
DOW®
HAMON
MARTIN GmbH für Umwelt- und Energietechnik seit 1925
HITACHI Inspire the Next
Lab GROUPE ENIM
MITSUBISHI HITACHI POWER SYSTEMS EUROPE
VORWEG GEHEN
VPC Sustainable Engineering & Consulting
infraserv höchst STANDORT. VORTEIL.
ASKCHEMICALS We advance your casting
ideas full of energy! Standardkessel Baumgarte
Hitachi Zosen INOVA

THANK YOU FOR YOUR ATTENTION