Utility services

Intelligent technologies for increased energy efficiency

We create perfect conditions for the operation of industrial plants and power plants as well as for buildings. With air conditioning and ventilation technology, industrial media technology, instrumentation and control technology (EI&C) as well as water treatment and drinking water hygiene, we are offering all utility service elements in all sizes.

Covering a wide range of industries, we respond with custom solutions to any detail requested by our national and international customers and supply top quality when it comes to consulting, engineering and execution. We remain ready to serve our customers even after a plant has been commissioned. Thanks to custom maintenance and service, we sustainably ensure the reliable availability of utility service plants.
Our solutions and sites

We will be right there when you need us. That saves time and money.

The utility services of the Kraftanlagen Group stand for rapid response times, flexibility, above-average commitment and the high availability of staff and spare parts. We will have a permanent presence on site for large projects and regular customers. Keeping stocks of products and materials on the customer’s premises is also part of our services. This enables us to guarantee maximum economic viability for every project – regardless of the order volume.

At any time, we are primarily employing our own personnel on the construction site. We don’t make compromises with regard to motivation and communication. Our experienced teams deliver top quality on time and ensure the highest level of safety.

The Kraftanlagen Group is a versatile service provider for industry and the energy sector. We cover the entire life cycle of the plant technology. Our range of utility services includes the following solutions:

- Basic and detailed engineering
- Component design
- Energy management
- Component orders
- Prefabrication
- Installation of pipeline systems
- Installation of air duct systems
- E&I technology and cabling
- Project management
- Construction site management
- Quality control
- Commissioning, trial operation and documentation
- Maintenance and repair of all systems
- E&I maintenance
- 24-hour emergency support
Building services

Air conditioning and ventilation technology

Whether in fossil power plants, nuclear plants or industrial plants – Kraftanlagen engineers, supplies and installs the suitable heating, ventilation and refrigeration systems for any purpose. Regardless of the manufacturer for plant components, we offer our customer consulting services and also handle complex major projects by meeting quality requirements and deadlines. In each phase, we pay attention to environmentally-responsible and cost-effective process design and creation of the plants.

International project business
Reliably and safely, we also handle projects outside Germany by calling upon our exceptional network and creating the required infrastructure on site. Our proven project management is proficient in the procurement process, the control of foreign suppliers and service providers as well as the coordination of individual disciplines.
We have the requisite approvals and work with our own technically and linguistically competent personnel in accordance with local standards and guidelines. We are also successful in the most challenging of environments, such as the construction of the international ITER nuclear fusion reactor at the nuclear research centre in Cadarache, France.

OHB System AG (formerly Kayser Threde), Wessling
Entire utility supply and ventilation of a production and administration building for the aerospace industry (production of the Galileo satellites for the European navigation system).
Supply and installation of a heating pump (heating and cooling), capacity: 1,000 kW
Clean room technology: 220 filter fan units, output: 250,000 m³/h

Special requirements
We also have comprehensive experience in technical building services in clean rooms and airport security zones with regard to the installation and maintenance of utility services-related systems.

Our customers include:
- Automotive industry
- Energy supply companies
- Pharmaceutical industry
- Semiconductor industry
- Banks and insurance companies
- Department stores and hotels
Building services

Industrial media technology

We engineer and supply sophisticated industrial utility supply systems. At the same time, with our wealth of experience, we reliably meet special requirements regarding availability, safety and economic viability.

The range of our solutions includes the engineering, supply and installation of piping systems for:
- Hot water
- Steam
- Condensate
- Industrial gases and air
- Acids and alkalis
- Plastics and oils

Our customers are companies from the:
- Automotive industry
- Semiconductor industry
- Food processing industry

TÜV Süd, Olching

Complete utility supply for the building of Europe's largest independent laboratory for air conditioning and refrigeration technology by TÜV Süd in Olching.
Low temperature cooling systems:
down to \(-46^\circ C\)
Installed cooling capacity:
max. 991 kW
Qualified pipeline construction (stainless steel):
Nominal pipe diameter up to DN 300
Our customers include:

- Landlords, home owners associations, building managements
- Hotels and boarding houses
- Fitness centres, saunas and wellness facilities
- Schools and kindergartens
- Hospitals, nursing and retirement homes
- Municipal utilities
- Industry

Optimally purified to meet your needs

We are offering water treatment for various industrial purposes. Furthermore, we are experts in drinking water hygiene. We accompany our customers every step of the way with our own trained, accredited and certified personnel. We do not just offer immediate measures, but also advice and support regarding all questions and requirements concerning drinking water regulations.

Our services include:

- Sampling of drinking water systems and risk analyses according to UBA specification
- Analysis from accredited laboratories
- In case of positive tests, advice on which steps to take
- Registration cards for the health department, information sheets for users
- Defect rectification
- Drinking water treatment
- All-round carefree package with maintenance contract for: drinking water, sprinkler and fire protection systems, cooling towers, recooling and well water systems
- Industrial water treatment: Water softening, dosing, frost protection

Our customers include:

- Landlords, home owners associations, building managements
- Hotels and boarding houses
- Fitness centres, saunas and wellness facilities
- Schools and kindergartens
- Hospitals, nursing and retirement homes
- Municipal utilities
- Industry

Drinking water hygiene – Everything from a single source

With our own trained, accredited and certified personnel, we are drinking water specialists and accompany our customers every step of the way. We do not just offer immediate measures, but also advice regarding all questions and requirements concerning drinking water regulations.
EI&C technology

We are taking care of it

The electrical technology and related instrumentation and control technology (EI&C) is the regulatory centre of every modern system. We program, build and install EI&C facilities and assume their maintenance and inspection. Through optimal integration of individual components, regardless of who manufactured them, we ensure the reliable and safe operation of your system. You can talk to us even if you need help across different subsections.

Faults are expensive. That is why we are doing all we can to avoid them. Good maintenance is the basis for optimal availability of your system. We are able to eliminate the risk of unforeseen incidents as much as possible with our inspection and maintenance service. Functional tests, troubleshooting and the documentation of testing results are part of our package of solutions. We are VdS-certified and employ highly qualified personnel.

We are also the right partner in case of emergency because quick fault repairs are one of our specialities. As a service provider operating independently of manufacturers, we are covering fixes to practically all faults that affect operation. Whether you need an individual service or a complete solution, we will be there for you!

Our services include:

- New construction of extinguishing control panels and sprinkler monitoring panels
- Testing of electrical installations including troubleshooting and fault repair
- Maintenance and repair of heating, air conditioning, ventilation and fire warning systems
- Installations in new and existing buildings
- Complete overall and partial projects
- Documentation work/e-plan (basic/detailed)

Our customers include:

- Transport companies
- Energy supply companies
- Automotive and other high technology companies
- Banks

Lippendorf power plant

Modernisation of the fire fighting controls in the 1,840 MW brown coal power plant by replacing all fire extinguishing centres during ongoing operation of the power plant. Adaptation of the programming to current VdS guidelines, testing and acceptance by TÜV Süd.

Fire extinguishing centres:
Repairs and maintenance tasks are no problem for us even if the system has to remain in operation. In case of emergencies, we are offering an around-the-clock service to be able to react quickly.

**Services in the areas of air conditioning and refrigeration technology:**
- Maintenance
- Repair
- Conversion
- Renovation of old systems

**Services in the areas of heating, ventilation, sanitation, smoke and heat exhaust systems:**
- All-round carefree package with a maintenance contract
- Repairs and small orders
- Drinking water analysis
- Renovation and repair of old systems

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**Messe München International**

Service and maintenance of the sprinkler systems, renovation and conversion measures, constant deployment of VdS specialists, maintenance of VdS-compliant documentation.

- Sprinkler plant rooms: 25
- Number of sprinklers: 70,000
- Fire alarm control centres: 17

Our customers swear by the reliable service of Kraftanlagen.

Tested quality: We keep your systems in good condition.
Product ranges of the Kraftanlagen Group

Energy and power plant technology
Decentralised power generation
Underground piping systems
Nuclear technology
Industrial plants
Utility services
Fire protection
Engineering
Fabrication
Welding and testing technology

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