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**IIG GROUP – WE  
FACE YOUR FUTURE.  
WORLDWIDE.**

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IIG GRUPPE



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**CLOSER TO CUSTOMERS  
– WE GO TO GREAT  
LENGTHS.**

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Werner Kessel,  
Managing Director of IIG Group


Today the Gelsenkirchen-based **IIG Group** is one of the last privately managed medium-sized corporate groups to combine a unique portfolio of industrial services under one roof.

The **IIG Group** is to be found around the globe in the vicinity of chemical plants, energy producers, refineries and process industry companies. When delivering our services, customer satisfaction is at the very heart of everything we do.

We deliver solutions tailored specifically to all areas within your company that reduce administrative processes and provide financial benefits to your company.

Our strategy is to enter and shape new markets together with you – our customer.





» Here at IIG, we work as a team. And everyone is actively encouraged, both colleagues and partners alike, to play their part in achieving our common goal, namely SAFETY FIRST – ZERO ACCIDENTS.«

René Graubner  
QM and SGU Officer / Safety Expert

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# MANAGEMENT SYSTEM

## – SAFETY FIRST, ZERO ACCIDENTS.

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The safety of our employees is always central to our planning and work. Moreover the continuous training of our employees – with a specific focus on occupational safety – moves us towards our stipulated aim of **ZERO ACCIDENTS**.

Meeting the most exacting safety standards and adherence to safety regulations and legislative guidelines are also a matter of course to us, as is the use of tested and approved equipment and material.

All divisions of the company are certified to the latest version of **DIN EN ISO 9001** and **SCC\*\***. Our management system for occupational safety, quality and environmental protection is implemented throughout the entire Group and is exercised throughout all divisions to meet the high expectations of our customers.

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# WORLDWIDE FLEXIBLE – OUR SUBSIDIARIES.

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**IIG Group** is at your disposal in more than 6 countries worldwide. This makes us a very flexible company, helping simplify the reaction towards different parameters in various countries. We respond to customer needs and adapt our processes to each country **INDIVIDUALLY**.

## GERMANY

### GELSENKIRCHEN (HEADQUARTERS)

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbines)
- » Noise protection hoods
- » Electric trace heating
- » Special construction
- » Mattress insulation systems
- » Dry construction
- » Fire doors

### MERSEBURG

- » Plant services

### HEDDESHEIM AND STADE

- » Heat- and cold insulation
- » Noise and fire protection
- » Electric trace heating
- » Mattress insulation systems
- » Fire doors

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbine)
- » Industrial noise protection
- » Electrical trace heating
- » Special construction
- » Mattress insulation

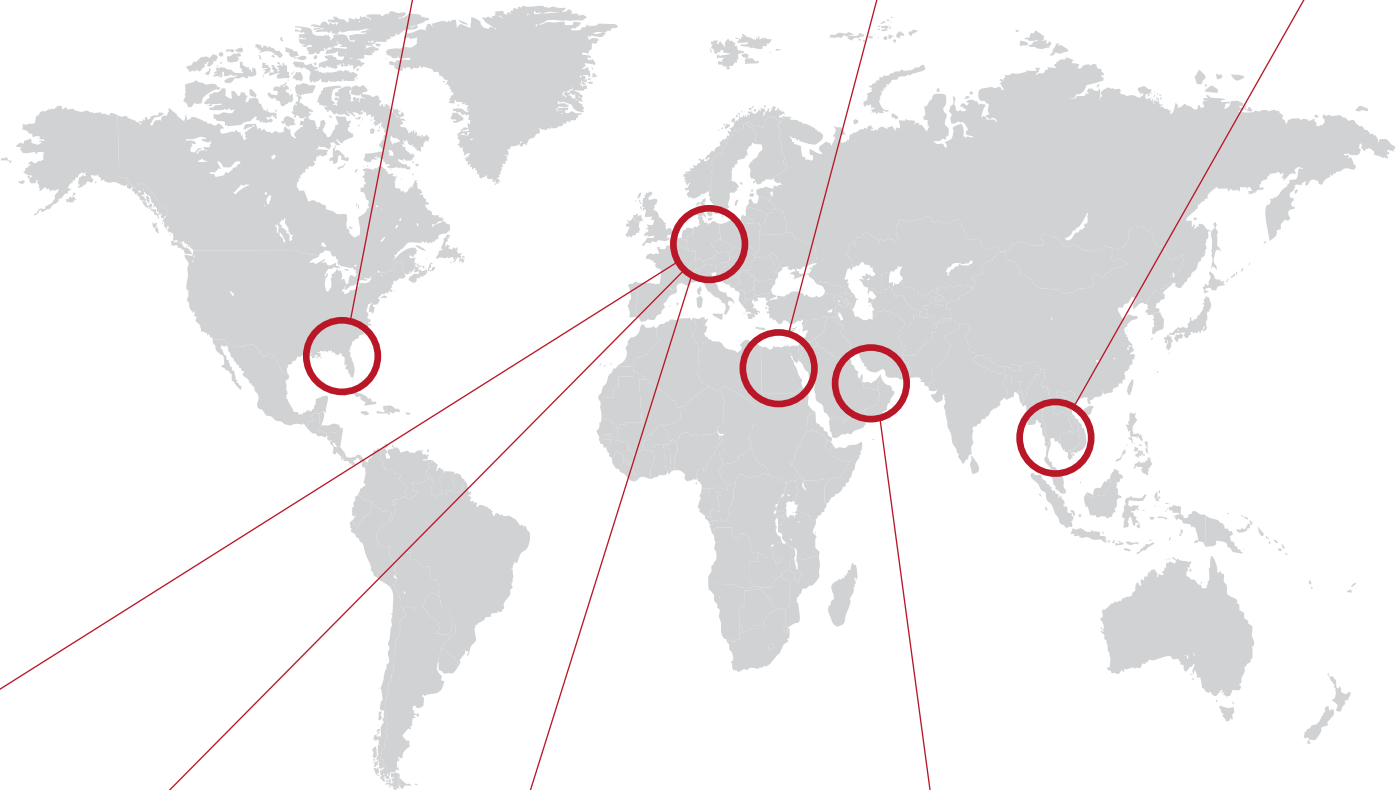
USA

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbines)
- » Noise protection hoods
- » Electric trace heating
- » Special construction
- » Mattress insulation systems
- » Scaffolding

EGYPT

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbines)
- » Noise protection hoods
- » Electric trace heating
- » Special construction
- » Mattress insulation systems

THAILAND



SWITZERLAND

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbines)
- » Noise protection hoods
- » Electric trace heating
- » Special construction
- » Mattress insulation systems

CZECH REPUBLIC

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbines)
- » Noise protection hoods
- » Electric trace heating
- » Special construction
- » Mattress insulation systems

UNITED ARAB EMIRATES

- » Heat- and cold insulation
- » Noise and fire protection
- » Turbine insulation (gas and steam turbines)
- » Noise protection hoods
- » Electric trace heating
- » Special construction
- » Mattress insulation systems



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# HEAT AND COLD INSULATION – EFFICIENT AND ECONOMICAL.

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Over the past few years the demands placed on systems in process engineering in terms of effectiveness, efficiency and emission control have continued to grow.

Moreover, in a large number of areas it is essential that precise media temperatures are strictly observed to allow the desired chemical processes to take place.

We support you in improving your plant efficiency. Regardless whether you build a new plant or modify an existing one – we are your competent partner.





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# **FIRE PROTECTION**

## **– PROTECTING INSTALLATIONS AND THE ENVIRONMENT.**

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One of the main goals of fire protection is to protect people, animals and nature from damage brought about by the practical application of process engineering.

Coming on top of this we ensure the protection of your own technical installations and buildings.

We help you protect your technical installations and buildings from the adverse effects of fire. Planning, preparation and implementation of our fire prevention measures are based on various components in dry mortarless construction. In applying these technologies, we use only materials that come with recognized approvals.



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## **TURBINE INSULATION**

### **– GAS TURBINE WITH MATTRESS INSULATION.**

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Insulation with flexible textile mattresses has prevailed in modern gas and steam turbine technology over the past years. This insulation method combines the benefits of ease of adaptation, reduced dust formation and high durability of textile mattresses.

The textile mattresses are designed in our centralised technology department with the help of state of the art CAD technology, produced in our own workshops and subsequently delivered to our customers. High demands on quality, adherence to international standards and the implementation of special customer requests are integral part of our work.

We process a variety of textile types and insulation materials, which are optimally combined depending on the technical needs. It goes without saying that we only use high quality and asbestos-free materials, which correspond to the high requirements in power plant construction.



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# **TURBINE INSULATION**

## **– STEAM TURBINE**

## **WITH SPRAY INSULATION.**

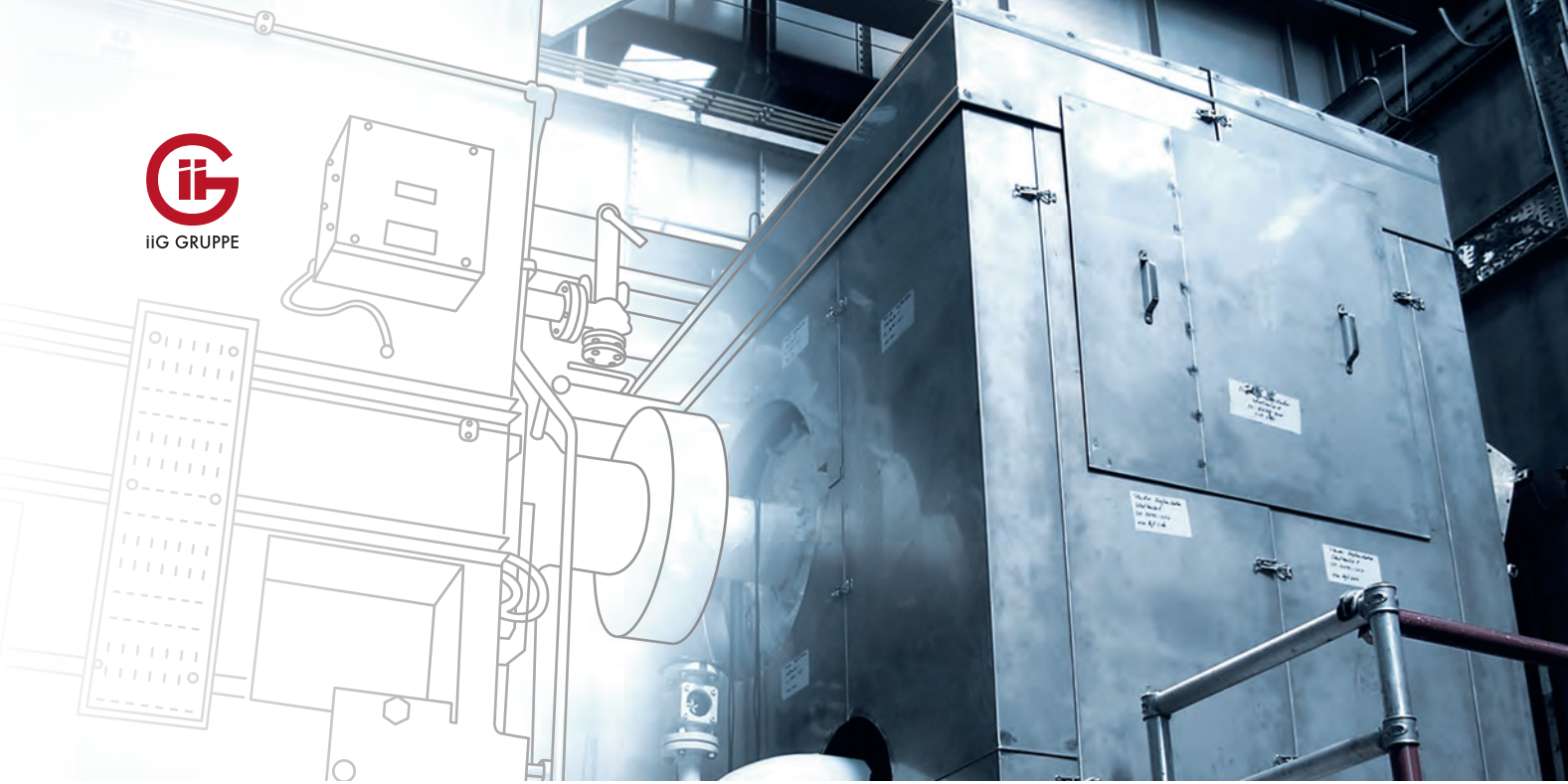
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A special type of insulation, namely mineral wool-based spray insulation is an additional option. Due to the complex housing contours of steam turbines, this insulation type can be used alongside insulation with textile mattresses for steam turbines due to their complex housing contours.

A cavity made of expanded metal is inserted equivalent to the insulation thickness previously calculated by us for the area to be insulated. The insulation is then blown into the cavity and dried by the turbine's own heat emissions. Finally the system is coated with external protection made of mineral heat plaster, providing an oil and water-repellent protection.

The advantages of this insulation are the long durability and very good insulating effect. This system is well proven, in the context of the short maintenance schedules in power plant retrofits.





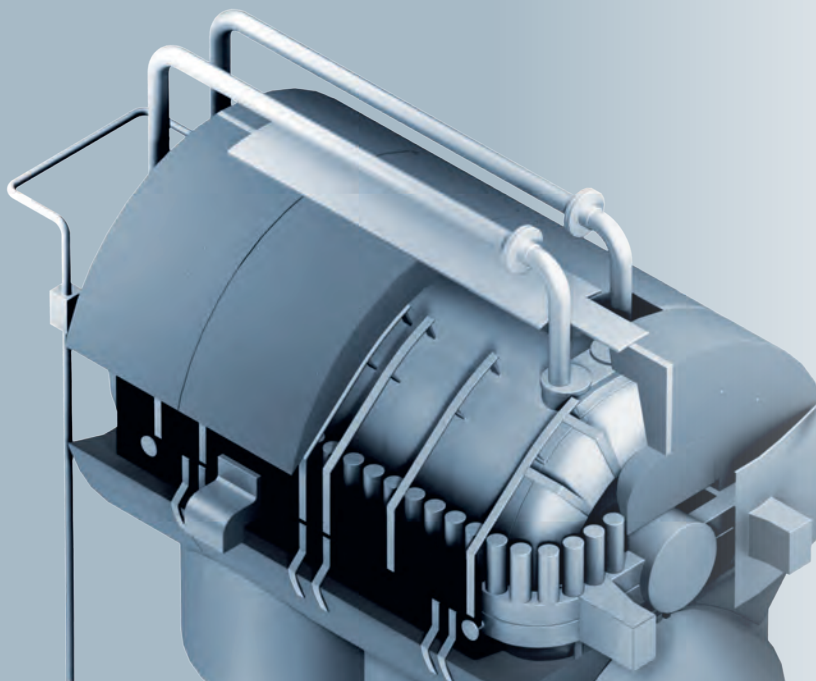
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# INDUSTRIAL NOISE PROTECTION – CUSTOM- MADE AND MOUNTED.

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Our noise protection hoods are custom-made, manufactured and mounted, all according to the latest state of the art. The enclosures provide additional protection of installations against environmental influence and reduce acoustic emissions emanating from the enclosed components. In order to ensure continuous and best heat radiation, ventilation systems and vents are installed. Tightness of the hoods after mounting is verified by means of the "Blower Door Test".

In addition to the design and delivery of complete systems we also offer worldwide service and maintenance carried out by our own personnel.



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## **SPECIAL CONSTRUCTION – TAILOR-MADE SOLUTIONS.**

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Exceptional problems require new approaches and new solutions. Here insulation and its components present a very special challenge.

Thanks to our many years of experience we pave the way for our common success.

Insulation technology is high-tech. It demands the highest standards from all stakeholders, not to mention specialized and indispensable know-how. It requires the perfect interplay of technical knowledge and absolute quality assurance. So, insulation technology is the most important corner stone for the success of all measures – from planning to job completion.

It goes without saying that the special solution to your particular insulation problem has been worked out by highly qualified engineers. And for our company it is a matter of course that we apply the most modern software and CAD systems in doing so. By this way we can guide you towards the right decision also in special scenarios by using multidimensional drawings. Our aim: a solution tailored to your company's requirements!

Set us the challenge!





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# **ELECTRICAL TRACE HEATING – THE ALL-IN- ONE SOLUTION.**

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In addition to frost protection, electrical heating systems are becoming increasingly important for components in industrial processes. For a multitude of products, the respective media temperature must be maintained or heated up in a process-specific manner. We offer a wide range of electrical trace heating systems for application in domestic use, power plants, chemical plants, petrochemical and refinery plants.

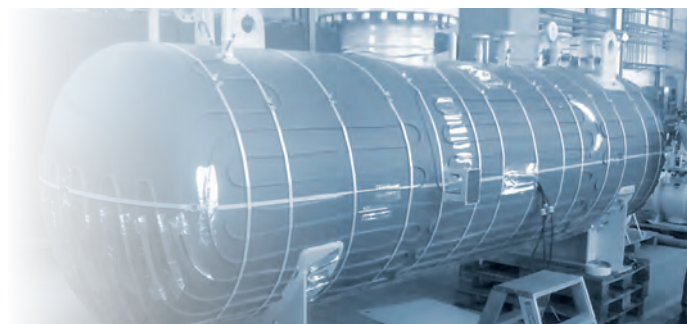
Your challenge is our inspiration to solution.

We provide you with the best solution to your specific requirements and demands on the basis of our long-standing experience in the field of thermal insulation. In doing so, interface minimization is an integral part of our work.

Electrical trace heating is more than thermal engineering – it is “know-how”.



Tank heating with self-limiting heating tape. This application allows for use in explosive-hazard areas within permissible temperature class, also without temperature limitation.



Heating of a tubular screw conveyor with mineral-insulated heating cables. Due to the high temperature resistance of these heating cables temperatures of up to 600 °C can be maintained.



We are able to deliver for all heating systems the respective switching and control systems as per customer specifications. Depending on the requirement in simple relay technology up to electronic control with link-up to the respective process control system.





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## **DRYWALL CONSTRUCTION – SUSTAINABLE AND ECONOMICAL.**

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Acoustic and drywall engineering is the efficient solution for environmentally-conscious and sustainable construction. In addition, there are numerous advantages of this economical alternative in comparison to solid construction. For example, fire and noise protection requirements are complied with and can be taken over in a cost-efficient and effective way.

We develop the best solution for you and consult you individually - precisely tailored to your needs. Since we are not bound to any manufacturer, we can offer you the best concepts, both objectively and competently. Everything comes from a single source – may it be ceilings, doors, walls or gates, with or without requirements to fire protection.

With us your business is in good hands, because we work according to Einstein's quote: "The only source of knowledge is experience, anything else is just information."





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## **DOORS AND GATES** **– WITH AND WITHOUT** **FIRE PROTECTION** **REQUIREMENTS.**

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The outbreak of a fire in a building – especially in an industrial building – can never be completely ruled out. The legislator therefore requires the installation of fire-retardant doors which avoid the outbreak of a fire and prevent it from spreading.

We offer you complete solutions independent of the manufacturer, which cover consulting services, project planning, delivery and assembly as well as regular inspection and maintenance.

Our employees' high flexibility and their continuous further training enable us to react directly to your needs and ensure the best result.

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# IIG GROUP

## – COMPANY HISTORY.

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The Gelsenkirchen-based IIG INDUSTRIEISOLIERUNG GMBH was already founded in 1970. Thanks to its commitment to flexibility and high quality standards, the company quickly became a medium-sized enterprise and established headquarter with offices and production facilities in the 1980s.

Over the following years, IIG was extended by founding many subsidiaries as well as by national and international sites:

- » 1991 Foundation of the IIG Anlagenservice GmbH subsidiary in Berlin
- » 1994 Opening of the new national site in Stade
- » 2005 Rohrer Group acquires partner shares of IIG Industrieisolierung GmbH
- » 2007 Start of internationalization of IIG Group with its first foreign branch in Abu Dhabi (VAE)
- » 2009 Foundation of a subsidiary and manufacturing site in Ustek (Czech Republic)
- » 2010 Opening of another national site in the Rhine-Main-Neckar-region and foundation of a subsidiary in Cairo (Egypt)
- » 2011 Acquisition of an already existing company in Rayong (Thailand)
- » 2013 Expansion of product portfolio by "Drywall Construction" and "Fire-Protection Doors"
- » 2014 Foundation of a subsidiary in Dietikon (Switzerland)
- » 2015 Foundation of a subsidiary in Fort Myers (Florida, USA)
- » 2015 Expansion of product portfolio by "Electrical Trace Heating"

As a particularly well-positioned company - both nationally and internationally - **IIG GROUP** is able to address the individual needs and different framework conditions worldwide.





# OUR OFFICES. – WORLDWIDE.

## GERMANY

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