

# Infrastructure Components

## Demolition – creating the space for new investments

### Our service ...

If you need space cleared for new buildings then you need look no further. We provide consultancy and design services, as well as construction management services, both for complete demolition and partial demolition with rebuilding.

Our range of services embrace hazard assessment, our appraisal of the situation as an accredited expert body and the complete rebuilding planning for buildings and industrial plants. We coordinate the removal of any hazardous materials present as well as disposal management, and take care of the entire permitting process, including acceptance tests. We naturally take care to ensure the safety and health of all personnel. We manage the project from the invitation to tender, through the award of contract, up to the time of billing and also assume responsibility for site management.

Because we develop the concepts together with your personnel, you can rest assured that the later implementation of the project will be in compliance with your needs and all legal construction and environmental protection requirements, and that costs will be minimized wherever possible (e.g., through recycling of materials).



*Demolition of production buildings*

In many cases, it is not necessary to shut down an entire plant when only demolishing parts of it. This is simply a question of careful planning and precise coordination.



*Dismantling of reaction vessels in a chemical plant*

Rebuilding these days is a much more selective and targeted process than in the days of the sledgehammer approach of the wrecking ball. Today, very different methods are used that are tailored to the object in question.

### ... is your gain.

We ensure that the work carried out for rebuilding projects

- is planned and carried out competently in all respects and
- is in compliance with applicable construction codes and environmental regulations (e.g., water conservation, recycling and hazardous substance regulations).

In addition, cost savings will be achieved wherever possible (e.g., recycling of metals and other materials) and a flexible approach adopted to minimize impact on other operations. You will profit from our specific experience in this field and our comprehensive knowledge of the demolition market.

You can plan your new investment with peace of mind, as we will ensure that deadlines are met and the work is completed within budget. We can, of course, also leave the site in a condition ready for upcoming investments. We also offer our services for new construction works.





*Separation of plant components*

### **Our approach**

We offer our services from a very early stage in the demolition process – that of deciding on the best approach. We are happy to devise solutions together with you for:

- fire loads;
- clean-up and decontamination;
- materials to be recycled and residues;
- ground contamination and disposal.

We will then determine the optimal approach, with careful consideration of the structural and construction engineering conditions, as well as operational parameters.

If you wish, we will also take on a greater level of project responsibility (the obligations of the building owner). Our project engineer or project leader will then draw up concepts that vary in terms of technology, price and time frame. These will then be discussed in detail with you so that you can choose the one that suits you best. We will assume responsibility for all other aspects – from the planning through the permitting process to execution of the work, including waste management and materials recycling.

We naturally use the appropriate software for the planning, invitation to tender, award of contract and billing processes and have extensive experience with cost estimation. We will appoint a contact person to coordinate the activities of all parties involved throughout the entire project.

### **References**

We have managed a large number of demolition projects in the Chemical Parks in Leverkusen, Uerdingen and Dormagen, with very differing requirements in terms of size, structural analysis and safety engineering, including the demolition of :

- production plants;
- storage facilities and office buildings;
- laboratory buildings;
- filling plants and equipment.

We have also successfully completed a number of re-building projects with no interruption of the operation of the plant or adjacent plants. Our farsighted and prudent coordination abilities, coupled with our extensive experience in demolition matters, will ensure that the project progresses smoothly.

Size is never an obstacle.



*Demolition of a water tower in the Leverkusen Chemical Park*

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### **Contact**

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