



surface
technologies

A large, semi-transparent red graphic element on the right side of the page, shaped like a stylized 'A' or a large bracket. Inside this red area is a grayscale photograph of an industrial setting. A worker in a dark shirt and light-colored pants is standing in the middle ground, facing the camera. To the right, there is a large, complex piece of industrial machinery, possibly a heat treatment furnace or a robotic arm. The floor is polished and reflects the overhead lights. The overall scene is a factory or industrial plant.

Eindhoven
heat treatment

Aalberts Surface Technologies Eindhoven B.V.

One of the most modern heat treatment companies in Europe

Aalberts Surface Technologies Eindhoven B.V. is the supplier of high-tech heat and surface treatments for different market segments and distinguishes themselves in the industry by their clean rooms, the diversity of machinery, their equipment and processed materials, their specific processes pertaining to customer specification and optimal product care.

Aalberts Surface Technologies Eindhoven B.V. is one of the most modern heat treatment companies in Europe. Based in Eindhoven, the company operates in various demanding markets. The main values of Aalberts Surface Technologies are quality, technical solutions and customer care. No matter how large, complex, unique or innovative the demands of the customer are, the specialists of Aalberts Surface Technologies are able to cope with everything and to achieve a top performance. It is our goal to meet or even exceed the expectations of our customers.

Quality at every level, that is the basic goal of our work every day for our customers. We ensure that all details of our activities are transparent and open. All processes are clearly documented. There is an intensive, internal transfer of knowledge and information. Both we and the customer reap the benefits of our dedication to quality; everyone benefits from better processes and higher productivity.

Aalberts Surface Technologies Eindhoven B.V. always looks to the future and strives to find even more potential improvements, to manage risks and use existing resources more effectively. The current quality systems are ISO 9001, ISO 14001, AS9100 and NADCAP. These ensure a culture of quality that ensures reliability, trust and guarantees a successful completion of your project. Our certificates can be found on our website.



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Technologies

Thermal processes

- Hardening and tempering
- Annealing



Thermal processes are heat treatment processes to achieve a desired result such as hardening or softening of a material.

Thermochemical processes

- Nitriding
- Nitrocarburising
- Stainihard®



Thermochemical processes are heat treatments where, in addition to the heating of the products, a chemical diffusion process also takes place.

Brazing

- Vacuum brazing
- Brazing in inert gas
- HD Brazing®



Aalberts Surface Technologies can perform a large array of brazing processes, adapted to your specific requirements.

Thin layer processes

- CVD
- PVD



Thin layer processes such as PVD and CVD deposit a high performance layer to products. The thickness layer varies from some nanometres to a few microns.

Quality

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ISO 9001	ISO/TS 16949	CQI-9	AS/EN 9100	NadCap	ISO 14001
A			A	A	A

Our markets



Aerospace



Engineering



Tooling / Die



Automotive



Semicon



Power / energy



surface
technologies

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