



**Multiple services, singular solutions
for the Oil, Gas & Petrochemical Industry**



A.HAK INDUSTRIAL SERVICES – *CALL US 'HIS'*

PROTECTING YOUR INVESTMENT

At A.Hak Industrial Services (better known as HIS) we provide a complete range of services to the oil, gas and petrochemical industries around the world. Through our Pipeline, Inspection, Storage Tank and Industrial service lines, we can assist you in every step of your plant operation – from design to end-of-life – to ensure the best possible operation throughout your installation's life cycle.

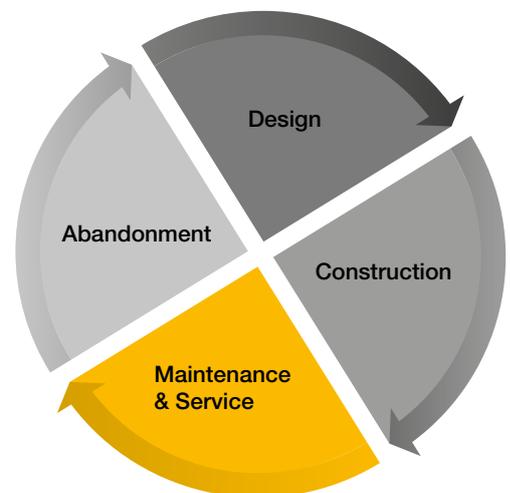
As operation costs continue to rise – certainly in a challenging economic cycle – it's important to keep pipelines, storage facilities and every related aspect of your installation in top working order. By offering integrated services, we can assure maximum plant integrity and sustainable operation.

HIS is based in the Netherlands and maintains offices in Brazil, France, Germany, Italy, Malaysia, Romania, South Africa, Spain, the United Arab Emirates, the United Kingdom and the United States.

KNOWING THE INDUSTRY NEEDS

A.Hak Industrial Services offers integrated services for:

- Pipeline operators
- Chemical plants
- Petrochemical plants
- Offshore installations
- LNG installations
- Tank storage facilities
- The nuclear industry



Installation life cycle



EXCEEDING CUSTOMER EXPECTATIONS

AT HIS WE ARE:

Solution-oriented – We take time to listen to you, to understand your problem and your specific needs and requirements and we work together with you to find the most effective and affordable solution.

Internal Strength – We use the combined efforts of all our departments to identify the most efficient and effective solution that is in line with your business objectives. This includes expertise in the areas of engineering, construction, maintenance, services and abandonment.

Flexible – We are ready at any time to respond on short notice. We are able to adapt our technology to your needs. We minimize your downtime and maximize the reliability and availability of your installation.

Cost-effective – We design, manufacture and maintain our own equipment and all of our technology and Knowledge is in-house. This allows us to monitor our progress directly at all times and you benefit from maximum reliability.

Experienced – Our staff have a proven track record spanning two-and-a-half decades. We have the experience and expertise to know when your installation is functioning well – and when it's not.

High-quality – Our inspection measurements cover more surface area and reveal more high resolution data than those of any of our competitors. When our work is done, you will know more about your own facility, and will have the tools to make better management decisions in the future.

Broad-based – When an engineer from any of our service lines visits your site and identifies the need for an inspection, they will know immediately who to recommend for the job.

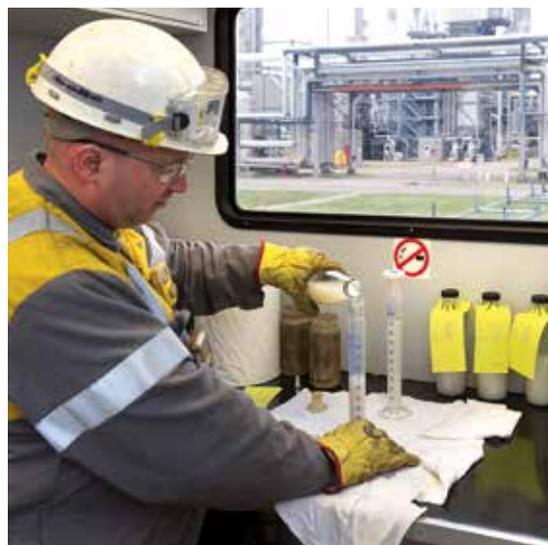
We have the solution for you.

INTEGRATED SERVICES

We offer a complete range of services throughout the entire life cycle of your facility. So, as your needs change, you know HIS are here to help. We have the tools and resources to take your operation through every step from design, through ongoing maintenance, to end-of-life. Our departments communicate with each other to find the best solution for you.

INTEGRATED SOLUTIONS

At HIS, we offer you a complete solution covering every requirement you might have as an installation owner or operator – from design and construction all the way down the line to ongoing maintenance, whether in the form of inspection, decoking or pipeline cleaning. And, at end-of-life, we are specialists in decommissioning.





OUR GOAL

Every problem calls for a new and creative solution. At HIS, we work every day to find innovative ideas and solutions. We assist our clients by using the best available technology and developing new technology. This is our driving force and our mission.

We don't work with standard, one-size-fits-all solutions. That doesn't work. It's not efficient, it's not safe and it's not the most cost-effective way to work.

For the majority of our work, there are no standard solutions!

At HIS, we're free to express and illustrate our own ideas. And, because we all recognize one another's expertise, everyone's input is appreciated. The result is simple. You benefit from a broad-based team interested in bringing you the most creative and efficient solution to every installation requirement.

We base our business practices on mutual trust, long-lasting partnerships, and the best available technology and service.

We operate in a niche market – as super-sized specialists!

We help the world's installation operators with highly specific problems. We also help small companies with big problems!

FOUR DIFFERENT SERVICE DEPARTMENTS

Pipeline Services includes pipeline construction and commissioning, cleaning, drying, and decommissioning.

Inspection Services provides in-line inspection of non-piggable pipelines and furnaces including quick scans, full assessments, pre-engineering, mechanical works and mechanical cleaning, gauging, calliper runs, inspection, reporting and consulting.

Tank Services offers complete profiling, online inspection, and desludging services.

The Industrial Service Line offers nitrogen-related services including reactor cooling, nitrogen or helium leak detection, system purging, furnace cleaning and chemical cleaning.

HEALTH, SAFETY, ENVIRONMENT AND WELFARE

Of course, HIS works according to the highest standards when it comes to Health, Safety, and Environment. Our machinery and practices adhere to ATEX and API safety standards.



American
Petroleum
Institute



“INTEGRATED SERVICES, INTEGRATED SOLUTIONS”



OUR HISTORY – OUR FUTURE

HIS is part of A.Hak, a group of companies offering pipeline construction and services for the oil, gas, water, chemical and petrochemical industries. The group also provides infrastructure for the transport and distribution of electricity, data, telecommunications, lighting and sustainable energy. A.Hak operates its own companies for drilling, coating and dewatering, as well as production facilities for installations, machinery and masts.

Similar to all other A.Hak companies, HIS is an independent but fully integrated group member. This allows our customers to benefit from the expertise of our A.Hak colleagues.



PROUD OF OUR HISTORY

Shortly after the Second World War, Arie Hak founded A.Hak Transport. True to its name, the company mainly transported the pipes needed to build the underground infrastructure in the Netherlands. In 1963, a few years after the discovery of enormous gas fields under the northern Netherlands, he sized the opportunity to expand his business to pipeline construction. His second enterprise, A.Hak Pipelines, was born.

In the years that followed, Hak continued to build pipelines in the Netherlands and then started to expand abroad. Other companies and activities which are now part of the A.Hak portfolio were added along the way, a process that gained even more speed when A.Hak Pipelines was acquired by its current owner.

READY FOR THE FUTURE

The position of HIS as an independent company within this economically healthy group allows us to invest continuously in two crucial assets: professional, knowledgeable people and the best available equipment. We are especially proud of our HAKademy Training and technology center where we keep our staff (and our clients' staff) knowledgeable and well trained. We can provide education about the latest technologies and every aspect of safety – theirs and ours.

Beyond that, we design and develop the tools and services that keep us at the forefront of the industry. These include sophisticated integrity management systems, robotic inspection tools and even more powerful high-pressure, high-volume nitrogen equipment.

We're ready for the future.



- Headquarters/Technology & Research Center
- Subsidiary

Worldwide Service

Services A-Z

Markets

	Abandonment	Airblowing	Bolt tensioning & torquing	Chemical cleaning	Cleaning pigging	Commissioning	De-Commissioning	Decontamination	Desludging	Displacement pigging	Drying (air, vacuum, nitrogen)	Furnace inspection	Hak decoking technology	Helium leak testing	Hot stripping	Hydrostatic testing	Pipeline inspection (ILI)	In situ coating	Leak detection	Mechanical construction	Mini Sandjet cleaning® (heat exchangers)	Nitrogen purging - (foam) inerting	Pipe freezing	Pipeline Integrity Management System	Pressure testing with nitrogen	Reactor cooldown (Accelerated)	Sandjet cleaning® (pipelines/furnaces)	Sludge profiling	Tank inspection (robotic, API 653)
Pipelines	●	●	●	●	●	●	●	●	○	●	●	○	○	●	○	●	●	●	●	○	●	●	●	●	○	●	○	○	
Refineries	●	●	●	●	●	●	●	●	○	○	○	●	●	●	●	○	●	●	●	●	●	●	○	●	●	●	○	●	●
Offshore	●	○	○	●	●	●	●	○	○	●	●	○	○	●	●	●	●	●	●	○	●	●	●	●	○	○	○	○	
LNG	○	●	○	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	○	○	○	
Tank Storage	○	○	○	○	○	○	○	○	●	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●

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