



SUPPLIERS OF DURABILITY

ANTI-CORROSION TREATMENT IN THE OFFSHORE, OIL AND GAS INDUSTRY

INNOVATORS IN BLASTING AND SHOT PEENING TECHNOLOGY
VISIT OUR WEBSITE AT WWW.STRAALTECHNIEK.NET



ANTI-CORROSION IN OFFSHORE

Straaltechniek International is the number one innovator in surface treatment for the offshore, oil and gas industry. We can always satisfy your requirements optimally because we have the most extensive range of solutions. A widespread network of sales and service points offers support in the execution of our highly diverse projects.

Straaltechniek International designs, develops and builds state-of-the-art blast rooms and installations for the treatment of heavy metal constructions in the offshore industry. We have been proving our expertise in this field for years now, which is why we are able to count such well known companies as Bos Shelf LLC, Westcon Yards and Agility among our clients.

Extending the lifespan of steel constructions

Metal constructions at sea such as drilling platforms, wind turbines and undersea pipelines are continuously exposed to extremely tough conditions. Without adequate preparation the effect of the salt in sea water inevitably reduces the lifespan of constructions and installations. This results in high maintenance costs and puts the safety of your workforce at risk.

Straaltechniek International designs blast rooms for carrying out this preparation in ideal conditions; 24 hours a day, 365 days a year. This leads to offshore constructions having a greatly extended economic life and keeps down maintenance costs.



* For more than 30 years now we have been building our blast rooms and installations worldwide.

Our strength is in working together!

Working closely with its clients Straaltechniek International designs and develops fully equipped custom blast rooms and installations. Within these projects our solutions are always fully tailored to meet the wishes of our clients.

We offer our clients a high level of flexibility. Wherever possible we incorporate the insights that we have gained from previously delivered installations over the last three decades within a new concept. Our highly competent engineers fully investigate each specific problem in depth and apply the highest standards in creating the best solution.

This results in:

- highest quality at minimum cost
- the highest uptime percentages for your machines
- the lowest maintenance costs
- and therefore a head start against the competition!

Soluble Salt Meter

Salt has a disastrous effect on metal, which is why you wish to eliminate its presence. With the Soluble Salt Meter you can instantly measure the presence of soluble salts electronically. In addition the device has many advantages in comparison with the old Bresle method, like higher accuracy and ergonomic use.

Want to find out more about the Soluble Salt Meter? Ask us about the possibilities!





WE HAVE BEEN MAKING THE IMPOSSIBLE POSSIBLE, FOR MORE THAN 30 YEARS NOW. WITHIN OUR BLAST ROOMS BLASTING, SPRAYING AND PAINTING ARE CARRIED OUT IN IDEAL CONDITIONS; 24 HOURS A DAY, 7 DAYS A WEEK, 365 DAYS A YEAR.

Straaltechniek International's blast rooms and installations are fully custom designed. Drilling platforms, pipelines and parts: no object is too large!

Pillars, Jackets and Compliant towers

The undersea steel constructions and hydraulic feet of drilling platforms suffer most from salt seawater. Without adequate pre-treatment the consequences can be disastrous. A thorough anticorrosion treatment extends economic life – and with it safety – by tens of years.

- Pillars: hydraulic feet of lifting platforms in relatively shallow water.
- Jackets: the undersea steel construction for depths of up to 400 m.
- Compliant Towers: the undersea steel construction for greater depths.

Racks and Platform

The steel construction which projects above the surface of the sea certainly is less affected by the water than the parts below the surface, but it goes without saying that preventive treatment is also a top priority here.

Production material

Lifting cranes and drilling towers are just some of the machines that are required to be in continuous production. After all a shutdown leads to significant loss of production and very high costs. But also smaller parts such as drills and manifolds are subject to greater wear at sea.

Pipelines

With undersea pipelines there is not just the danger of corrosion, but also of cavitation; an implosion caused by turbulence in fast flowing fluids, resulting in enormous damage.



SHAH DENIZ II: THE DIRECT ENERGY CONNECTION BETWEEN ASIA AND EUROPE.

As a supplier to the Shah Deniz II gas extraction project, Straaltechniek International is contributing to gas supplies from Asia into Europe in 2020.

Straaltechniek International built three halls (blasting, painting & PU insulation) for Shah Deniz – phase II, the largest offshore project in the world in 2015. Shah Deniz is an undersea gas field of the coast of Azerbaijan. In 2020 the gas will flow via two offshore platforms through 3500 km of pipeline through Georgia and Turkey to Europe. 500 kilometres of the pipeline runs below the surface of the sea.



A blast room, a spraying hall and a painting hall enable a non-stop process of anticorrosion treatment. Here, topdecks, pillars and jackets of drilling platforms, pipelines and tools are prepared to take up the battle against seawater. Straaltechniek International's facilities are fully equipped for this enormous task.

Highest level of climate control

Special mobile heaters, dryers and dehumidifiers ensure a fully controlled climate, which means that the production process can continue 24 hours a day.

Savings on abrasives and reduction in waste

The blast room is equipped with an abrasive recycling system. Used abrasive is collected, cleaned and transported to a silo for reuse. This solution leads to a significant reduction in abrasive use, and less waste.

Safe and responsible working environment

The dust extraction system, combined with high-efficiency lighting, guarantees good visibility of the work to be carried out and a significant reduction in dust emissions within the working environment. The special paint mist walls keep the level of paint mist to a minimum during spraying, which means that operators can perform their work in a safe and responsible environment.

Straalmeester® blast pot with ATEX seal of approval

Straaltechniek International was the first company in the Netherlands to develop a blast pot bearing the ATEX seal of approval, specially for the offshore, oil and gas industry. This is safe, it delivers an optimum yield, is very user-friendly, and it satisfies the European guidelines. Even today we remain one of few companies in possession of this seal of approval.



Straaltechniek International Group.

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