



Certification – A matter of Course

Our protection products are CE marked – this means that they satisfy the essential requirements in the European directive 89/656/EEC, “Directive for use of personal protective equipment”. We are also certified according to ISO 9001:2008 and ISO 14001:2004 – important tools for verifying the quality of our work with products and for creation of conditions for a positive environmental impact.





UNIQUE
PROTECTION
EQUIPMENT

Protecting Oneself against Extremes

Our task is to help people protect themselves against everything from heat, cold and high water pressure to bacterial and chemical contamination. We are continually researching and developing new materials and products which can help our customers achieve safer, more comfortable work situations. Something that is necessary in a world where risky situations are continually increasing.



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The extreme requirements of our customers are the basis of our research and development. We are motivated by the desire to keep one step ahead. Our solutions are built on knowledge about the user's requirements, in which safety and comfort are paramount.

Jörgen Lillieroth
Jörgen Lillieroth, MD

What do You need to Protect?

Irrespective of whether you need to protect yourself against water at high pressure, heat, cold, chemicals or radioactive particles, we offer many of the market's most advanced products to help you. Sometimes they are quite brilliant in their simplicity, sometimes they are characterised by the very latest technology. You find more information about products and distributors on our website www.tst-sweden.com



WATERJETTING

The first CE-marked range of protective clothing for high and ultra high pressure work. The garments have been developed in consultation with oil rig workers and other users around the world, to achieve maximum safety and comfort.



COLLECTING BASINS

Safe, easily handled collecting basins that resist chemicals are available in various sizes and execution. All are very easy to handle and store. We also have well covers that cover well openings, drains etc quickly and easily.

HEAT PROTECTION

A wide range of clothing that covers all requirements for protection against heat. From hoods and coats to gloves and foot protection. The garments are manufactured in materials that include aluminium-covered Preoxpan/Kevlar. We also make tailored protection; curtains, sleeve couplings, flexible connections, bellows, etc.



BREATHING PROTECTION

One of the things TST has developed is an advanced Escape Hood which is very efficient and easy to use. There are no straps or anything else that needs to be adjusted. You just pull it over the head, and it is ready for use.



COOLING VEST

Initially, the Cooling Vest was developed to make it possible for fire-fighters and others to work under conditions of extreme heat, without being subjected to unnecessary heat load. The Civil Defence in Saudi Arabia uses the Cooling Vest as protection against the heat of the desert.

PROOPERATOR



HIGH PRESSURE CLEANING

ProOperator are CE-marked clothing designed with the comfort, functionality and safety as key factors. Many people use pressure washers with pressures up to 500 bar, for cleaning. TST Sweden has developed a range of clothing exclusively for them and their needs!

From Sjuhäradsbygden in Sweden, to heavy industries worldwide

TST is a Swedish company which has the world as its field of activity. Our products protect people on oil platforms and in laboratories, but also sports people in extreme environments.

We strive to manufacture everything geographically close at hand in order to control quality, development and logistics.



It began in 1990. We visited a Swedish steel works and saw that people were working in really old-fashioned protective clothing. With our knowledge of technical textiles and ready-made clothing, we thought it should be possible to make considerable improvements. TST was formed, and we produced a series of protective clothing against extreme heat.

We are continually pushing ahead with technical development. We have

products that we did not think were possible ten years ago. Today, we offer some of the world's most advanced protective products.

Water - very dangerous

Our main product today is our red clothes that protect from waterjets at high and ultra high water pressure, up to 3000 bar! At this level, it is life threatening if you get hit. We also have a complement in a series

of clothes named ProOperator. These protect from waterjet up to 500 bar, used in High Pressure Cleaning.

Comfort – a Question of Safety

We consider comfort a key factor. If a garment gives purely technical protection, but makes the wearer hot or ungainly – then there is little point in having the technical protection. It is a matter of seeing the entire picture.

Cooling Vest for Fire-fighters and Olympic Champions

Our unique Cooling Vest was developed in cooperation with training units of the Swedish Rescue Services, to reduce heat load for fire-fighters who work in extreme heat. There are also variants for industry workers and racecar drivers.

A great deal of experimentation was required before the vest was sufficiently flexible and efficient. Now it is, and it is used by for example fire-fighters, industry workers and athletes. Other uses are the emergency actions made at nuclear power plants in Japan. There, our vest has helped intervention teams to a decent working environment and better performance.

The refrigerating capacity comes from Temptech elements. These absorb external heat and body warmth until the elements are melted. Then it is just a matter of putting the Cooling Vest in room temperature, or cooler, and it "freezes" again. The vest is ready to use, without any external energy – genius! And it can be repeated over and over again!





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NESTLÉ

DRÄGER

ASTRAZENECA

SSAB

VEOLIA

In Demanding Environments, throughout the World

Our customers are found in many sectors throughout the world. We travel around continually to see how conditions change with customers, how the products function on site, and to find ways to improve the products – or develop new ones.

We cooperate with legislating authorities, with trade organisations and with universities, to keep ourselves up-to-date with developments of new materials and norms.

Statoil

We have designed protective clothing especially for Statoil. Clothing developed for water-jetting work on oil rigs. Water jetting is carried out with a pressure of up to 3000 bar – a normal high pressure washing works with a pressure of 100-150 bar. One sweep of this over an unprotected body may be life threatening. Comfortable clothing will be worn!



DSM Dyneema®

One of our main partners is DSM Dyneema®. We are licensed to use their Dyneema® fiber. It is said to be the world's strongest fiber - 15 times stronger than steel!
The fiber is mainly processed in Sweden and used in our protective clothing for waterjetting and high pressure cleaning.



The Rescue Services

TST has worked together with the Rescue Services since the early 1990s. We have produced a number of products; these include products for the collection of chemicals and for making it possible to work in hot environments. Cooperation is carried out with development units within the Rescue Services, both in Sweden and abroad.

