



## Job Report

# ARCTOS equipment in accordance with European and International standards

## Regulations

### PED 97/23/EU module A1

The guideline for pressure devices (PED) establishes the requirements for pressure devices which must be adhered to within the European Union (EU) when products are supplied to the market.

The certificate covers the supervision of inspection for pressure devices according to guideline 97/23/EU.

After the prerequisites have been examined, ARCTOS is authorised to mark the pressure devices which are made within the module's area of validity with the sign CE 0045.

Subject to the examination according to guideline 97/23/EU is an internal check on production with the supervision of inspection (module A1).

The certificate covers the inspection of pipes in refrigeration systems for the pressure stages 25, 40 and 63 bar for NH<sub>3</sub>, CO<sub>2</sub> and hydrocarbons such as propane, butane and common halogen refrigerants.



### SCC – Safety Certificate for Contractors

In order to ensure the standards of quality and safety, ARCTOS has qualified voluntarily.

The ARCTOS working safety management system has been certified according to SCC \*\* on the basis of the ARCTOS working safety handbook.

SCC is designed to maintain an international standard with regard to safety, health and environment for technical services (e.g. for installation and maintenance). It includes the SCC regulations and checklist. According to this list an independent audit company carries out audits at ARCTOS.



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## Qualified factory according to § 19 I WHG

In Germany the water economy law (WHG) regulates water consumption as well as protection of water resources. This includes management and economical use of water.

ARCTOS has concluded a supervising contract for activities as a qualified factory according to § 19 I WHG with a certifying authority. This contract ensures regular supervision of the qualified factory in accordance with the requirements of § 19 I WHG for activities in dealing with liquids endangering water. These activities at ARCTOS include: installation, erection and maintenance of systems in order to use non-flammable liquids restricted to refrigeration systems.



## GOST-R

For exports to the Russian Federation, refrigeration systems must be specially certified.



ARCTOS is certified according to GOST-R. This means that in our Sörup works production is in accordance with GOST-R guaranteeing conformity of the system (i.e. the product for export) with Russian standards of quality and regulations.



Furthermore we are experienced in the acquisition of the RosTechNadsor-operation licence for the use of technical equipment for Russia (RTN).

## Factory standard

ARTOS has its' own Quality Management system.

In addition, every plant leaving the works in Sörup or being erected on the site, has to undergo an **EU single examination according to guideline 97/23/EG** (guideline for pressure devices). This examination is done in agreement with the TÜV.



The conformity of the refrigeration system with the **European guideline 94/9/EU (ATEX95)** is assessed in close co-operation with the relevant certifying authorities.

Further optional examinations can be done on request.

For international customers, the applicable tests and examinations necessary in your country can be fulfilled.