Stainless Steel Pressure Vessels, Process Vessels and Tanks

Examples of manufactured products

Siljan Allards AB

www.siljanallards.com

To the right, one out of six process vessels, installed in a large pharmaceutical plant in Sweden.Designed and manufactured according to the European pressure vessel rules; Material: 1.4404/316L; Inside ground to Ra<0,4 my, outside to Ra<1,0 my.

The vessels are equipped with a heating/cooling jacked, welded onto the shell of the vessel;
The vessels are also equipped with a strong stirrer bolted to the upper large flange and with a magnetic stirrer at the bottom.

One out of two pressure vessels installed in a large pharmaceutical plant in Sweden. Manufactured according to the European pressure vessel rules.Material: 1.4404/316L; Inside ground to Ra<0,4 my, outside to Ra<1,0 my.

The vessels have double shells, with insulation in between.

Pressurized turpentine decanter, Dia 1600 mm i 1.4301/304, installed in a paper mill in northern Sweden.

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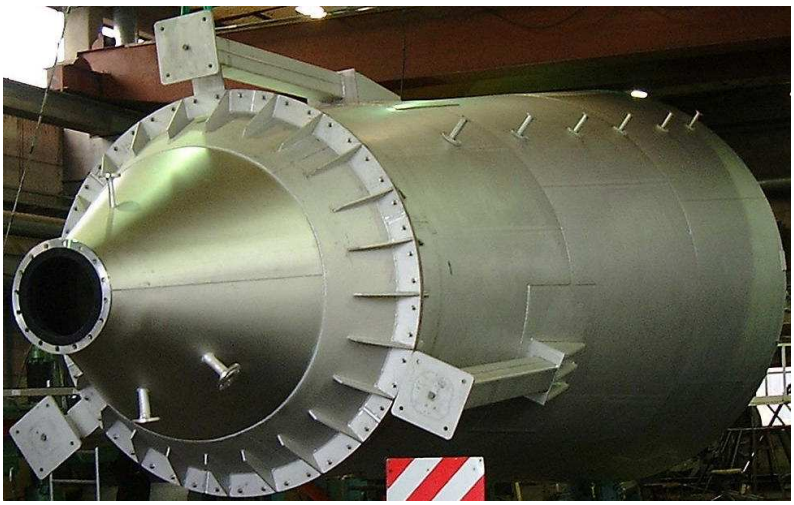
Mixing vessels to be installed in a painting factory in the middle east.1.4301/304, conical bottom, double shells, large upper flange for a stirrer.

Stainless vessel for a painting factory in central Sweden. Material: 1.4301/304, dished end in bottom, prepared for weight cells (3 legs).

Equipment for water treatment, free standing lamella with flocculation tank, ready for transport to England.

One out of two reactors delivered to a large water work in southern Sweden; largest diameter 4.2 meter, height 10 meter



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Column in 1.4404/316L for a petrochemical plant on the west coast of Sweden; Height: 40 meter
Diam: 2.0 meter; Weight: Ca 28 ton
The picture to the right from the manufacturing; a heat exchanger is mounted onto the column.

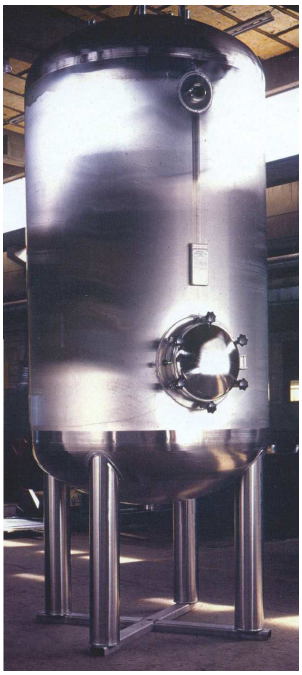
Below a picture which shows the transport from the workshop to site.

The column (the shiny one) on place in the chemical plant, insulated, with gratings.

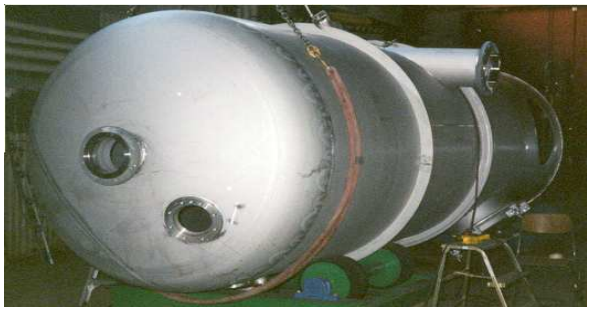
A 10 meter high process vessel for water treatment.
Painted to fit the surroundings at site in England.

Covered with a plastic film to protect it from dirt during the transport..

Pressure vessel in 1.4547/ S31254/254SMO; Is used as a separator for the concentration of a process fluid containing fluorides and chlorides. Installed in a vehicle manufacturing plant in southern Sweden.



Pressure vessel for ultra pure water for a pharmaceutical plant in Denmark. Inside 1.4436/316 2.5 % Mo, ground to Ra<0.5, Insulated, with the outer shell in1.4301/304.



Pressure vessel in 1.4436/316 2.5 % Mo; Separation of filtrate in a paper mill in Tjeckien.

10 meter high stainless steel process vessels for water treatment; Protected by a plastic film during transport. One delivery to China, the other one to England.

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Eight process vessels in 1.4404/316L, ca 8 meter high, installed in a water treatment plant in Holland.

Tank for storage of hydrogen peroxide, for a metallurgical plant on the south coast of Norway. Painted on the outside to protect it from seawater. Material: 1.4404/316L.

Tank in 1.4404/316L, for the storage of hydrogen peroxide; volume ca 25 cbm; Pickled surface, passivated on the inside. Delivered to a steel mill in central Sweden.

Absorption towers made in a special stainless steel, for a sulphuric acid plant in India.
Volume, ca 30 cbm.
Piping system on the inside to distribute acid.

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Stainless steel vessel in 1.4404/316L, ca 31 cbm, for the storage of per acetic acid; Inspected by Notified Body, loaded on a carrier for transport to a paper mill in southern Sweden.

Our assembly hall; Here we do the assembly work with equipment for water treatment, vessels with tubular systems on the inside, vessels to be equipped with stirrers, valves etc.; on the picture lamella packages for a very large water treatment plant in North Carolina, USA.
Highest quality and surface finish; In total 132 pcs delivered. In 1.4307/304L.

Rectangular tank in 1.4301/304 for testing of pumps. Special design of in– and outlets to a piping system.;

Two pressurized reactors for a chemical plant in central Sweden. Cooling coils on the outside. Manufactured in 1.4404/316L.

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Pressure vessel for a paper mill in northern Sweden.

Rectangular tank, with supports on the outside, for installation in a painting factory in central Sweden.

Waste water treatment plant to separate metal ions from effluent. To the left a tank for sodium hydroxide, to the right a tank for hydrogen peroxide, ca 25 cbm volume for each tank.

One out of seven stainless process vessels for the manufacture of special products at a paper mill in northern Sweden. Height ca 10 meter, diameter ca 2.5 meter, the conical part is ground and electropolished on the inside. Material: 1.4404/316L.