

Pressure vessels and heat exchangers for the fertiliser industry



Fertiliser applications

The design process often takes place in close collaboration with the client. Our engineers use the latest technology such as specialised software, subscriptions to the latest research, and modern IT.

Our mechanical designs solve your problems.

Acid Coolers and Heaters

- » Nitric Acid
- » Phosphoric Acid
- » Sulphuric Acid

Ekström & Son process equipment for your Fertiliser Applications

Miscellaneous Coolers and Heaters

- » NO_x Gas Coolers
- » CO₂ Interstage Coolers
- » CN Melt Heaters
- » Liquour pre/heaters

Ammonia Applications

- » Converter Baskets
- » Condensers
- » Evaporators
- » Preheaters
- » Neutraliser Coolers
- » Superheaters

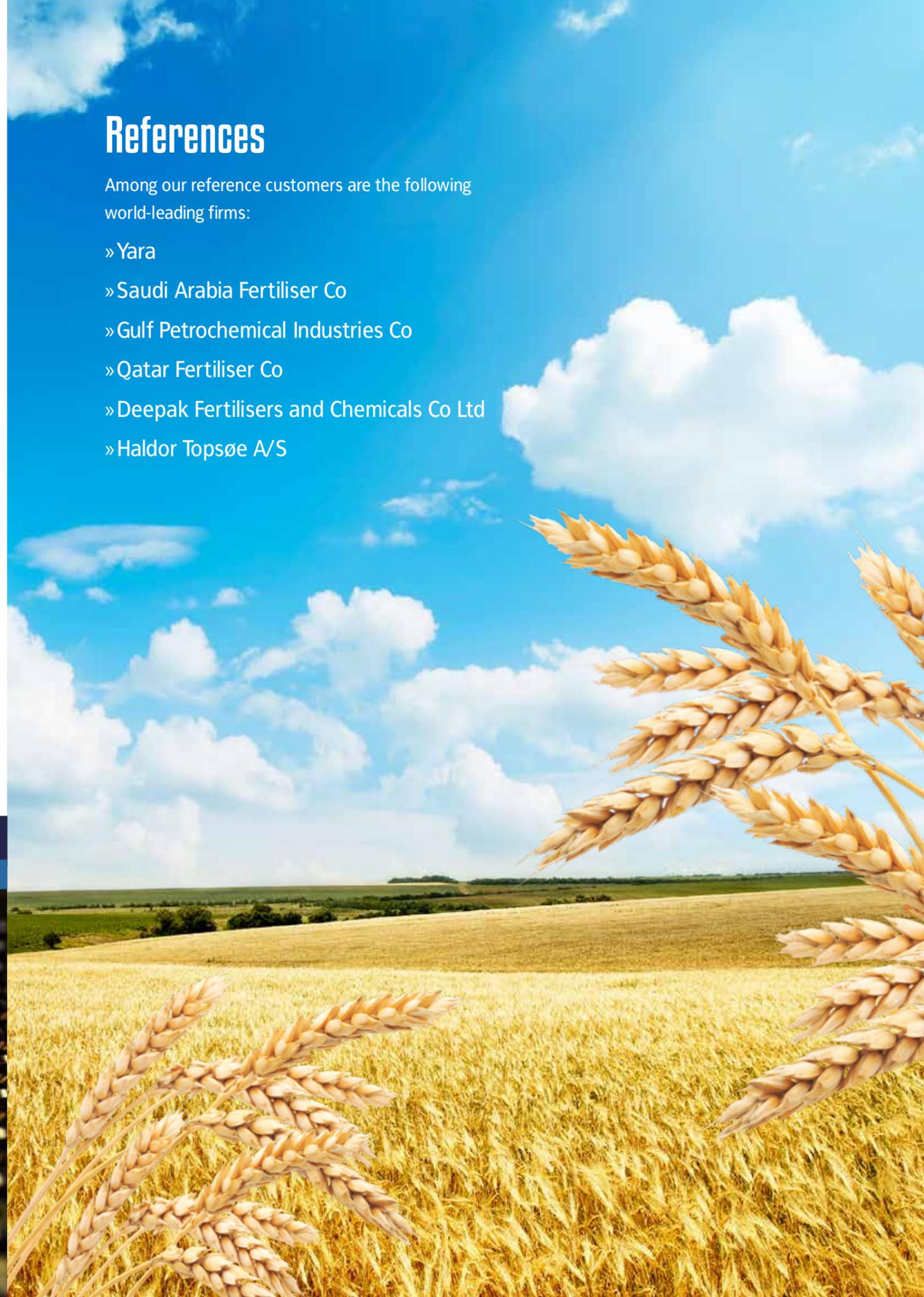
Miscellaneous Applications

- » Bleach Towers
- » Steam Separators
- » Tailormade S&T Heat Exchangers
- » Tailormade pressure vessels
- » Tailormade Columns

References

Among our reference customers are the following world-leading firms:

- » Yara
- » Saudi Arabia Fertiliser Co
- » Gulf Petrochemical Industries Co
- » Qatar Fertiliser Co
- » Deepak Fertilisers and Chemicals Co Ltd
- » Haldor Topsøe A/S



Installation och service

We can assist you with professional installation and regular inspections in order to increase your plant uptime. Our area of expertise not only include efficient design, material choice, and manufacturing, but also installation and regular inspections. Our service team often assist customers in exchanging tube bundles as we have detailed knowledge about welding of high-alloy steel and titanium. Feel free to contact us at any time to discuss how we could assist you!

Smart Loop: Cleaning plate heat exchangers

- save energy and reduce maintenance!

Fouling and clogging of plate heat exchangers is causing major problems for the fertiliser industry. The Smart Loop is made to backflush heat exchangers with short intervals without disruption of the operation. By changing the direction of the flow, it flushes bio particles and sand from the heat exchanger.

Benefits include:

- » Less maintenance
- » Increased heat transfer
- » Easy to install



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LESS FOULING - LONGER LIFE

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