

Industrial Applications - Chemical & Petrochemical

As the family of alloys collectively known as stainless steels continues to expand, so do their potential applications throughout industry. Generally speaking it is the ability to withstand attack by highly corrosive chemicals that creates such a high level of demand for these alloys within the chemical and petrochemical industrial sectors.

In recent years, the emergence of highly-alloyed grades such as the so-called “super-austenitic”, “super-ferritic” and “duplex” grades has enabled stainless steels to compete with nickel and titanium-based alloys for service in the most demanding conditions. Today, these two sectors account for a large percentage of total stainless steel demand.

Included in this library section you will find papers related to use in oil and gas production, petroleum refining, pulp & paper machinery, fertiliser plants and many, many more.