



TELUS™ is focused on activities related to the **CHEMICAL INDUSTRY** globally !

TELUS™ is a specialist in aggressive corrosion problems and provides quality steel solutions for high performance applications. We only source material from the world's best steel mills.

- TELUS™ maintains a large stock of plates, bars, tubes and fittings in special grades that are highly resistant against severe corrosion. Grades include **Ni200, Alloy 600 / 625, Alloy 800 / 825, SANICRO®28, Alloy 31, 347H, 254SMO, Titanium, 1.4361 / URANUS®S1, 310LNAG / 1.4335.**

- TELUS™ have our own internal **Engineering Department**, where Senior Engineers work closely with the quality departments of their clients, as well as universities, and independent Engineering Firms.

On joint developments, we analyze the corrosion/abrasion problems in relation to acid type/density, T° (60°-> boiling), gas and fluids, oxidizing impurities, chlorides, fluorides and propose the best solutions.

The main sectors of the **Chemical Industry** where TELUS™ are highly respected are :

- Production plants producing / recuperating / using Acids like :
  - **Sulfuric Acid (H<sub>3</sub>PO<sub>4</sub>)** used overall for phosphate fertilizers, but also in the production of copper and zinc, in the surface cleaning of steel sheet (pickling), caprolactam, rayon, titanium dioxide, phenol with propanone, sulfate salts, synthetic detergents.
  - **Hydrochloric Acid** used for metals refining, pickling of steel, production of organic compounds, such as vinyl chloride and dichlorethane for PVC, bisphenol A, polycarbonate, activated carbon, ascorbic acid, as well as numerous pharmaceutical products.
  - **Hydrofluoric Acid** used for mining, refining, glass finishing, silicon chip manufacturing, cleaning, alkylation, organofluorines (Teflon), fluoropolymers and fluorocarbons, inorganic fluorides (cryolite, aluminium trifluoride, sodium, fluoride and uranium hexafluoride).
  - **Nitric Acid (NH<sub>3</sub>)** used for metal purification, solvents, oxydators, and raw material for fertilizers and explosives.
- Manufacturers of Aluminium Sulfate (**Alum**), fiber/textiles (**Acrylates**), **detergents, solvents, Titanium Dioxide, Melamine, Resins, MVC, Methanol** (using Reforming Process).
- Any other process using **Chlor Alkali, Sodium, Potassium** (Hypo, Chlorate, and Perchlorate), or **Gas Cleaning and Chlorine Drying**.

As well as holding significant stocks of special steel, TELUS™ has cutting facilities and offers plates, bars and tubes also "cut to dimension".

Together with our partners TELUS offers fabricated Tailor-Made Equipment / Welded Parts / Parts of Equipment such as :

- Agitators / Blades
- Tanks
- Heat Exchangers
- Scrubbers
- Strippers
- Process Columns
- Reactors
- Evaporators
- Filters
- Many others - Please enquire

## TELUS™

The global specialist steel supplier that is first choice for every Maintenance Department, Estimator, Fabricator, Purchasing Manager, etc.

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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