

Gasification

Petrochemical Industry

Oil refineries, the chemical industry and the chemical waste processing industry demand high performance refractory products. Gouda Refractories has the products to match the strict specifications for all critical equipment.

Since 1901, Gouda Refractories has proven that the company adds extra value when designing and producing refractory linings. Its state of the art production facilities does not just deliver refractory bricks, monolithic and precast shapes, but offers worldwide customer-specific total solutions for the iron & steel, non-ferrous metals, petrochemical, environment & energy and cement industries.



Scope
A-Z

Since
1901

Dedicated
product
range

Gouda Refractories successfully designs, manufactures and supplies high grade refractory linings for Gasification reactors at (petro)chemical plants.

The gasification of carbon- and high impurity containing feedstock for syngas production requires superior refractory products and 'state of the art' design solutions. Bypass prevention, controlled dimensional tolerances and high process knowledge is needed to become one of the global technical leaders for these generating technologies as POX, GTL, and COPOX.

Recently Gouda Refractories further expanded its products range with successfully tested Ultra Low Porosity bricks: dense, high aluminium oxide bricks with a very low porosity and therefore limiting ingress and attack of chemicals and hence increasing overall lifetime of the refractory lining.



References

BASF
BP
Conoco Phillips
Dow Chemicals
ExxonMobil
General Electric
LG Chemicals
National Fertilizer
Petroplus
Saudi Aramco
Shell
Shell Global Solutions
Sinopec
Technip
Texaco
Total

| Materials | | | | | | | |
|----------------------------------|--------|------|----------|--------|--------|--------|---------|
| | Burner | Dome | Cylinder | Quench | Bottom | Outlet | Support |
| Dense Refractory Bricks | | | | | | | |
| AK 60 A | | | | | | | • |
| AK 99 | | • | • | • | • | • | |
| ULP 90 | | • | • | • | • | • | |
| Dense Castables | | | | | | | |
| Curon 140 | | | | | • | | |
| Curon 180 T SP | | | | | • | | |
| Insulating Castables | | | | | | | |
| Golite 170 PL | • | • | | | | | |
| Golite 180 | | | • | • | | | |
| Pressed Insulating Bricks | | | | | | | |
| FI 45-X | | • | • | • | • | • | |
| FI 55-X | | • | • | | | | |
| FI 65-X | | • | | | | | |
| FI 80-X | | • | | | | | |
| Pre-shaped Blocks | | | | | | | |
| V178 M | • | | | | | • | |
| V188 | • | • | | | | • | |
| Mortars | | | | | | | |
| HS A | | • | • | • | | • | |
| HS 180 | | | • | • | • | • | |
| HS 185 POM | • | • | | | | | |

