



## Gasification

### Petrochemical Industry

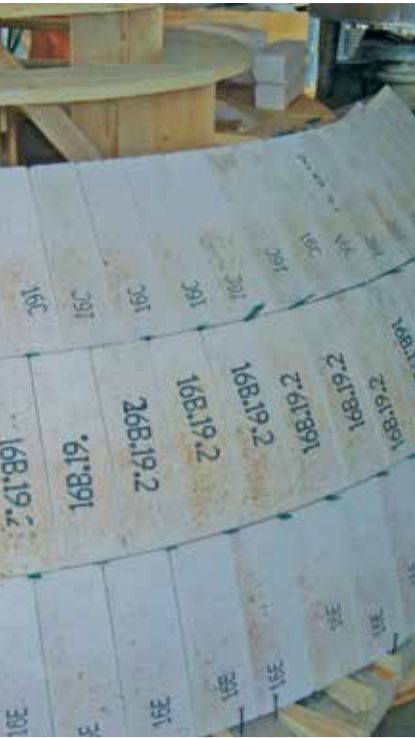
Oil refineries, the chemical industry and the chemical waste processing industry demand high performance refractory products. Gouda Refractories has the products to match the strict specifications for all critical equipment.

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

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