Gasification offers the cleanest, most efficient method available to produce synthesis gas from low or negative-value carbon-based feedstocks. These include coal, petroleum coke, high sulfur fuel oil or materials that would otherwise be disposed as waste. The gas can be used in place of natural gas to generate electricity, or as a basic raw material to produce chemicals and liquid fuels.

Saint-Gobain Ceramics (SGC) has been supplying complete refractory linings to gasifiers for over 50 years. Our high alumina, dense and bubble, special shapes for oil and gas fired units are known worldwide. We also provide compatible monolithics, including mortars and castables.

SGC has been a market leader since the late 70's for coal gasification refractories and we are continuing to develop our complete range of chromium oxide materials. We offer several products specially engineered for low or high wear areas.

Our chrome-zirconia (ZIRCHROM™) bricks have been installed successfully in more than 20 reactors. Moving forward, this knowledge and experience is applied to other solid fuel gasification projects (cok coke, domestic waste).

In addition to providing refractory lining designs and materials, SGC also offers refractory installation supervision plus technical support for lining inspection and problem solving.

**Products**

- AL100-AH199B/HJ
- M56
- CHROMCOR 12
- SUPCAST-CA 333
- R134 HR
- CHROMCOR 10
- R134-ANS99
- ZIRCHROM 900
- ZIRCHROM 90
- ZIRCHROM 450
- ZIRCHROM 60
- ZIRCHROM 750
Refractory Solutions for Gasification

www.refractories.saint-gobain.com