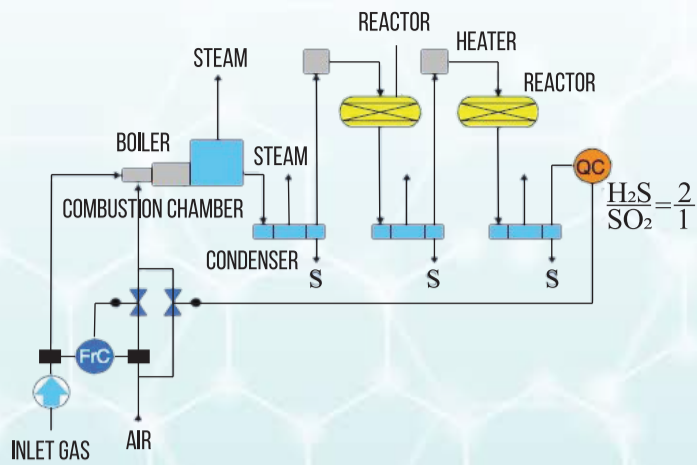
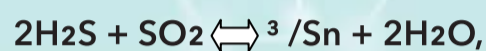


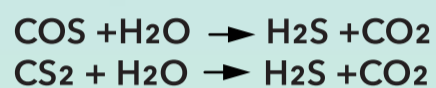
CLAUSS PROCESS



Catalysts are applied at Claus sulfur recovery units for hydrogen sulfide removal from natural and industrial gases of different origin. Catalysts ensure high activity in main Claus reaction



as well as in conversion of organosulfur compounds (COS and CS₂)



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OUR SOLUTIONS FOR SULFUR REMOVAL

CLAUSS SULFUR RECOVERY PROCESS

CLAUSS TITANIUM DIOXIDE CATALYSTS
AOK-75-46
(GRADES A, B, V)

APPLICATION

Titanium dioxide catalysts AOK-75-46 (Grades A, B and V) are applied at Claus sulfur recovery units at I, II and III stages of treatment of natural and industrial gases of different origin.

A and B grades are titanium dioxide and aluminum composite catalysts. Grade V is titanium dioxide catalyst.

FEATURES & BENEFITS

- High catalytic activity in main Claus reaction as well as in conversion of organosulfur compounds;
- Due to high resistance to hydrothermal aging can be used in all types of reactors at sulfur recovery units;
- Improved porous structure;
- High resistance to deactivation (sulfate poisoning);
- Over 5 years of commercial experience.



CHARACTERISTICS

Physico-chemical characteristics and catalytic performances of catalysts are competitive with high level of modern foreign counterparts.

Parameter	Standard		
	Grade A	Grade B	Grade V
Appearance - Geometry - Color	Extrudate white		
Size, mm: - Diameter - Length	3.5±1.0 5-15		
Mass content of Titanium(IV) oxide (expressed as catalyst calcinated at 800°C), - %, - Min.	- 30	75±5 -	- 90

↑ FIELDS OF APPLICATIONS

- Refining industry
- Oil-producing industry
- Gas processing industry
- Metal manufacturing