

A list of installations is given (57) including Hallad, U.S., Hungary, Italy, England, Japan, Iran, etc.

The guarantees for Winterschil Benzol and Futzkinolof were

Generator gas	20,000 cbm/hr @ 6000 49°C/d S.
Synthesis reactor gas	7,000 " @ 6000 1400 cbm/hr @ 40°C
H ₂ S in outlet	0.15 g/m ³
CO ₂ in outlet	2% of inlet
S recovery in Claus	90%
S purity	99.8%
Faule loss/yr	20% of the hourly circulation
Steam consumption @ 50000 cbm	12 t/hr
60	14
70	16
90	27.5
Life of Claus cat.	4300 hours

Zeits processed 13000 cbm/hr Hydrogen to recover H₂S + CO₂ amounting to 30 tons/day and also 40000 cbm/hr water gas obtaining 14 t/day of H₂S.

proposed
 Deubens data from report 1/29/36 by Prof. Mensahide

30,000 cu ft/hr schmelgas (735.5 mm, 15°C)
 contg. 40 g H₂S / m³ and 20-25% CO₂
 to remove H₂S to 1 g / m³

L.P. steam	20 t/hr
Power	70 kW
Fresh cooling water	140 m ³ /hr
Recycle water	630 m ³ /hr
Lange cost (total operating)	26 RM/hr
Labor	4 men and 1 booksmith(?)
Sulfur	1 t/hr

Steam pres 2 atm slight SH

The blower puts out 300 mm water pressure

Recycle cool water temp diff = 10°

There is also an S. lange

They have had considerable difficulty with
 iron corrosion. Dr. Augustin's ltr. of 7/11/38
 indicates that subit. of Al in magylo doesn't
 help