

DELTA CONTROLS CORPORATION
SHREVEPORT ENGINEERING

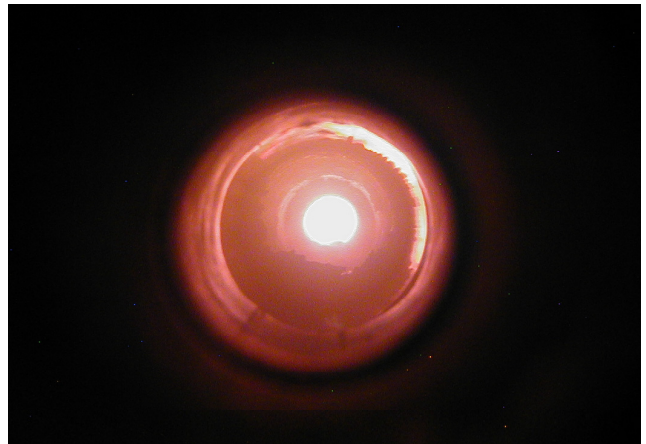
STANDARD PURGED WINDOW

Looking through a cool viewing window into an operating Claus Thermal Reactor. Note that sulfur has precipitated onto the viewing window in spite of the air purge. The sulfur particles block infrared radiation.



DELTA HEATED WINDOW

View through the HIR Infrared transmitter viewing port into an operating Claus Thermal Reactor. Note that the infrared transmitter's sight path has remained clear in the Delta Controls' steam jacketed lens assembly. Maintaining the high temperature keeps the sulfur from precipitating onto the lens surface, causing reading errors, and requiring maintenance.



INCREASE OF COOL WINDOW BUILDUP OVER TIME



Photo Of A Cool Window After 6 Months Of Operation



Photo Of The Same Window After 12 Months Of Operation