



**Mattson Technology Inc.
HBr Addition**

Owner: **mattson**

Completion Date: January 16, 2009

CTC Design's Role

Design-Build

Project Description

The project scope was the addition of HBr (Hydrogen Bromide) to the facility and serve three process modules. Connect to and upgrade the existing scrubber to handle catastrophic flows of HBr.

Team Leader Comment

Hastelloy was used as the material of construction of the piping due to the corrosivity of the HBr. Two gas cabinets were added in the Gas Pad with piping serving one valve manifold box located in the mechanical chase. One half IDLH calculations were performed to show that we have acceptable safe discharge to the atmosphere in a catastrophic failure incident.

Project References:

References available upon request.