

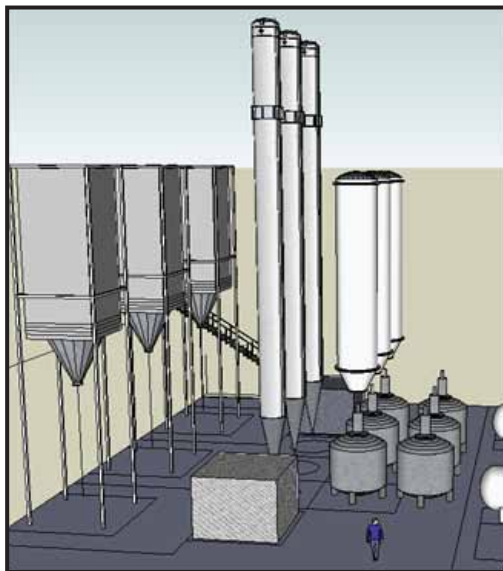
# SCC Overview

Silicon Chemical Corporation (SCC) provides technology and equipment for the production, handling, and treatment of silicon based chemicals.

Our primary focus is to support the polysilicon and photovoltaic industry by providing the advanced technologies required for polysilicon, chlorosilane, and silane production. We integrate our technology into the client's overall polysilicon plant process to provide a custom and optimized design for each client. Our team has a combined industry experience of well over 100 years and includes capabilities ranging from initial design, through startup and ongoing plant operation.

## SCC's Technology Provides:

- Safer and more reliable chemical plant designs
- Efficient and low cost manufacturing
- Decreased polysilicon plant environmental impact
- Energy recovery and conservation
- Customized and integrated technology packages
- Reduction in capital and operating expenses
- Production guarantee covering quantity and quality



## SCC Technology Offerings for Polysilicon and Silane Manufacturing:

- Trichlorosilane (TCS) production - Including fluidized bed reactor equipment
- Hydrochlorination - Fluidized bed conversion of silicon tetrachloride (STC)
- Trichlorosilane purification - Including specialized impurity removal equipment
- Effluent gas recovery and mixed chlorosilane separation and purification
- Hydrogen chloride (HCl) recovery and chlorosilane waste treatment
- Silane production and purification