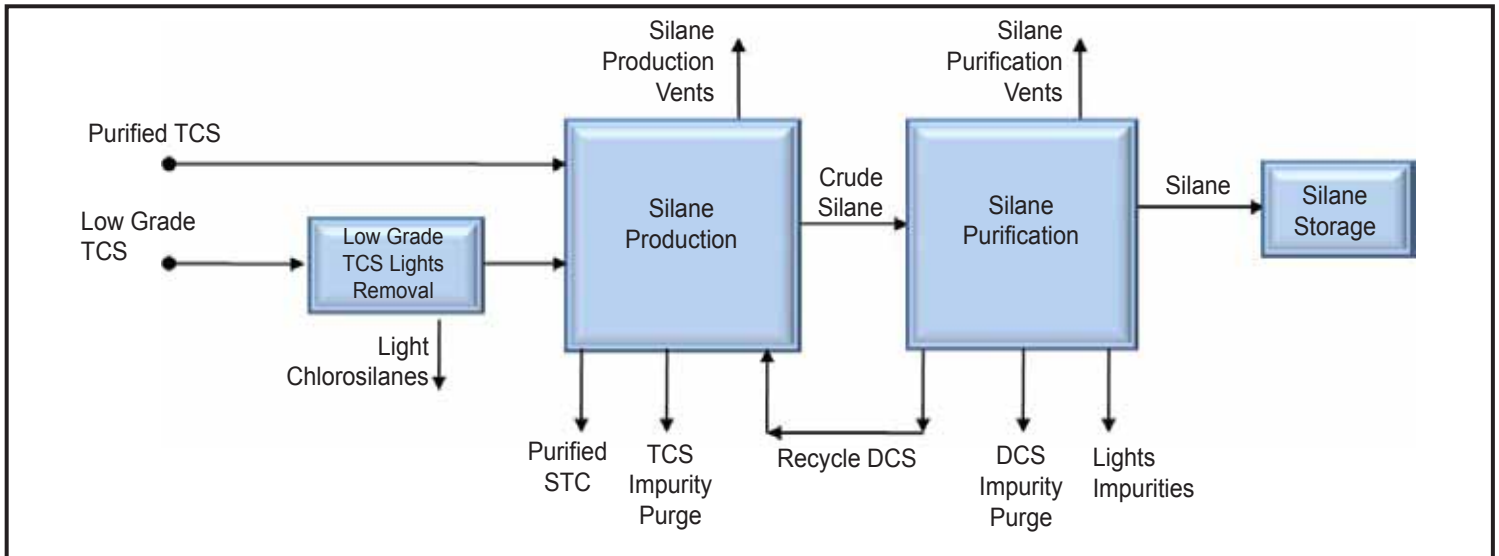


Silane Production

Silicon Chemical Corporation (SCC) offers a process technology package for silane production that can stand alone or integrated into an existing facility. SCC's proprietary process utilizes a trichlorosilane (TCS) feed to produce high purity silane and silicon tetrachloride (STC). The silane may be sent to storage or for transport. The STC is sent to a conversion reactor to produce TCS.



Advantages:

- The silane process can accept multiple types of chemical grade TCS streams that are discharged from the polysilicon process, minimizing wasted material
- Minimizes the use of exotic construction materials in plant equipment
- Capital cost can be minimized by a customized integration of the silane plant into an existing polysilicon facility
- Built with intimate knowledge and familiarity with trichlorosilane production, silane production, and STC conversion technologies
- Silane production can create a valuable product for sale or internal use

The SCC Guarantee: The silane production guarantee covers the quantity and quality of produced materials, as well as the efficiency of overall feed material usage.