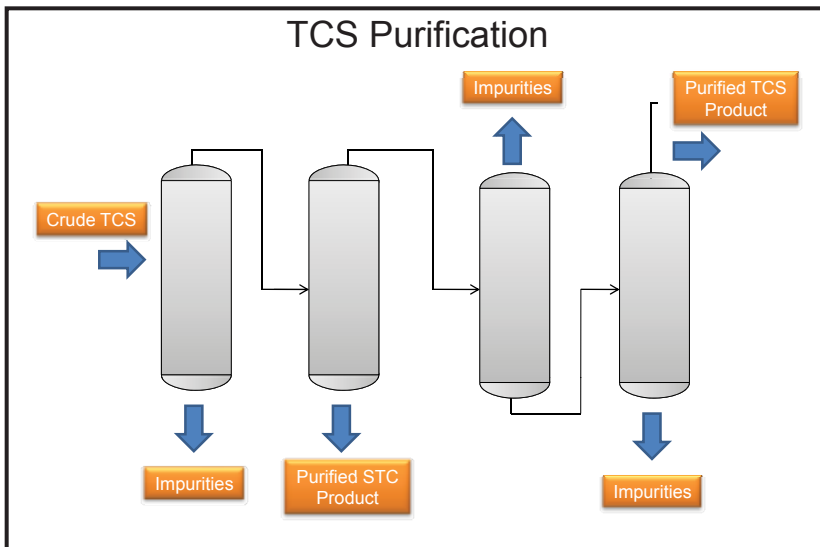


# Distillation Technology

Silicon Chemical Corporation's (SCC) proprietary trichlorosilane (TCS) distillation technology refines crude TCS into a high-purity form suitable for use in electronics or solar manufacturing. SCC also offers technology for the purification of silicon tetrachloride (STC), dichlorosilane (DCS) and silane.



## SCC Provides:

- Process technology package that allows our client to control project cost and specifications
- Client can build, own and operate the TCS purification process
- Design support
- Process integration
- Training
- Guarantee of quantity and quality

## Advantages:

- Proven: Technology has operated in full scale production for over 30 years
- Efficient: Utilizes less equipment than typical design (reduced capital expense) - Minimizes the size of the impurity streams (reduced operating expense)
- Flexible: Designed to remove a wide range of common and uncommon impurities
- Robust: Designed to minimize the impacts of changing operating conditions on production rates and product quality

