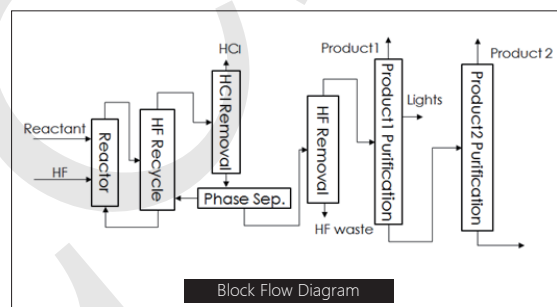


## Chemical Process Development and Process Simulation:

**SUNTECH** has a complete physical property database of refrigerants, blowing agents, fluorocarbon and chlorocarbon intermediates, and can provide full process simulation including:

- 01 Material and Energy Balance
- 02 Capability to Convert Batch Processes to Continuous Processes
- 03 Development of Technology Packages, that includes Chemical Reactions, PFD with Material and Energy Balance, PID, Equipment Lists and Simulation for Unit Operation



## Physical Property Measurement, Simulation and Estimation:

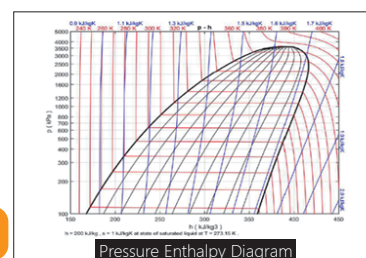
- 01 VLE, VLLE and LLE Phase Equilibrium Measurement
- 02 Material Compatibility Studies
- 03 Heat of Reaction and Gibbs Free Energy Estimation and Simulation
- 04 Flammability Measurement

## Toll Manufacturing or Synthesis for Fluorinated or Chlorinated Chemicals:

- 01 Specialized in Providing Toll Manufacturing or Services for Lab and Pilot-scale Tests that Use Hazardous Materials such as HF, Cl<sub>2</sub>, and F<sub>2</sub>

## Refrigerant Application Consultation:

- 01 Providing Refrigerant Application Scenarios and Application Parameters
- 02 Providing Simulation for Refrigerant Application Scenarios
- 03 Providing Refrigerant Performance Tests in Enthalpy-Difference Laboratory



## Manufacturing and Market consultation:

**SUNTECH** has researched in the refrigerant industry for many years, and can provide refrigerant manufacturing and market consultation

This information is provided by SUNTECH your business with the understanding and in the condition that it shall be used by your business for internal purposes only and shall not be published or otherwise disclosed to others and shall not be used in any way to obtain intellectual property or otherwise used to the detriment of SUNTECH.

Disclaimer:

Although SUNTECH believes that the information contained herein is accurate and reliable, it is presented without guarantee or responsibility of any kind and does not constitute any representation or warranty of SUNTECH, either expressed or implied. Without limiting the foregoing, SUNTECH disclaims the warranty of merchantability, fitness for use and non-infringement.