



About Mun Siong Engineering Limited

One of Singapore's leading integrated service providers since 1969, Mun Siong Engineering Limited offers a range of mechanical and electrical & instrumentation services for oil & gas, petrochemical, energy, chemicals, and power industries. As a one-stop solution provider, the Mun Siong Group caters for engineering, procurement, fabrication, construction, maintenance of plants and equipment, and specialised products and service solutions.

Location: Singapore

Responsibilities

- Prepare Basic, FEED and Detailed Engineering Design complying with project requirement and industry standards.
- Perform sizing calculations for Process Equipment and provide information in the form of equipment datasheet.
- Experienced in HTRI rating & sizing for heat exchangers.
- Ability to evaluate existing heat exchanger.
- Assists in preparing cost estimate for tender proposal.
- Familiar with related vendors, their products and perform technical evaluation on vendor proposal.
- Coordination with other engineering disciplines, design interference check and design changes.
- Provides technical assistance to construction, project commissioning and start-up activities.
- Support safety related evaluation – HAZOP meetings.
- Attends site check and verification.

Requirements & Professional Skills

- Bachelor's degree in chemical engineering.
- Proficient in fluid dynamics, heat transfer and thermodynamics.
- Experience includes process design, equipment sizing and component selection.
- Minimum 3-5 years' relevant working experience process design of plants and systems for projects in the Oil & Gas, Petrochemical, Chemical or Pharmaceutical Industries.
- Well-versed in all local and international codes and standards on the related field.
- Proficient in using process engineering design software like HTRI, Pipeflow, Hysys
- Knowledgeable in using PV Elite.
- Well versed in drafting applications such as AutoCAD drafting, Smart Plant P&ID.
- Excellent written and verbal communication skills in English.
- Able to work with minimal supervision.
- Good interpersonal, management and decision-making skills.