

Piping Engineer

Employment Type: Permanent (Full-time)

Location: 10 Jalan Samulun, Singapore 629124

Responsibilities:

- Analyse client requirement and develop piping and instrumentation diagram and work flow procedure
- Draw the piping arrangement or piping layout, 3D model, piping system, pipe support, piping isometric drawing including BOM, material take off and construction spool drawing.
- Prepare and update piping construction guideline drawings for constructability.
- Understand and able to develop/update piping specifications and piping system weight and centre gravity (W&CG) study.
- Coordinate work and integration with other engineering disciplines, production, quality and client requirements.
- Check submittals and prepare the installation of construction drawings when needed.
- Perform site visits to solve the engineering problem when required to determine existing conditions or verify new construction and provide appropriate solutions or alternatives
- Develop and check marine and drilling system PFDs or P&IDs
- Interpret all codes and maintain overall performance of all piping activities.
- Provide support to all CADD functions and develop and maintain all activities according to project schedule and prepare appropriate forecasts.
- Develop new methods to recommend improvements to all activities of piping section.

Requirements:

- At least 2 years of experience as a user of 3D CAD modelling, Autocad, Microstation and/or PDMS applicable to mechanical equipment.
- Diploma/Degree in Mechanical Engineering or related studies
- Able to design and prepare the piping system and detail drawings for construction.
- Proficient in Caesar II or Smartmarine 3D software
- Able to apply mathematical concepts in piping calculations
- Excellent organisational and coordination skills

Interested applicants to email your resumes to **hr@bakertech.com.sg** stating expected salary and earliest possible start date.

We regret to inform that only suitable applicants will be contacted for an interview.