

Job Title: Pipe Stress and Support Engineer

City: Paramus

State: NJ

JOB DESCRIPTION:

1. Review and modification of the design of piping for temperature, pressure and wind/seismic loadings according to ASME B31.3, WRC codes and good engineering practice.
2. Perform pipe stress analysis of piping systems in accordance with ASME B31.3 code requirements using Autopipe or Caesar II software programs.
3. Perform analysis of nozzle loads/stress on pressure vessels using WRC 107/297.
4. Calculate and review loads on pumps and rotating equipment per manufacturer and standard industry requirements.
5. Prepare engineering computations and analyses to design pipe supports utilizing hand calculations, spreadsheets, and general finite element analysis.
6. Possess a valid Ontario or other Canadian province P.E. license in Mechanical Engineering with appropriate experience to certify pipe stress engineering documentation for Ontario, Canada.

Education an Experience Requirement:

Requires a Bachelor's degree in Mechanical Engineering and 5 years of experience in job offered or 5 years of experience in the Related Occupation. Canadian Professional Engineering license is required because work is installed in Ontario Canada.

Related Occupation:

Pipe Stress Engineer or any other job title performing all listed job duties.

JOB TIME: Full Time