In June 2021, we proudly became part of Sweco Group, a leading European company in the construction, industry, and infrastructure sectors. Today, we are **Sweco Vietnam**.

At Sweco Vietnam, **we don’t just offer a job** – **we offer a career**. Our engineers have the opportunity to work on cutting-edge projects that **shape the future of urbanization, digitalization, and sustainability**. Beyond technical work, we foster a dynamic and engaging workplace with exciting internal events such as Innovation Days, Year-End Parties, and technical seminars. Additionally, we collaborate with top-tier industry partners, giving our engineers exposure to **global best practices** and groundbreaking solutions.

To further enhance our work environment in Hanoi and Ho Chi Minh City, we are continuously seeking **passionate engineers** who thrive in a dynamic setting and are eager to contribute to both innovative projects and a vibrant workplace culture. Join us and **transform society together!**

**JOB DESCRIPTION**

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| --- | --- | --- |
| JOB TITLE | : | **Piping Stress Engineer** |
| DEPARTMENT | : | Industry – Piping Stress |
| REPORTING TO | : | Team Manager / Work Sharing Specialist |
| JOB LOCATION | : | Hanoi/HCM |

1. **DUTIES AND RESPONSIBILITIES**

* Work in close collaboration with the Sweco Belgium stress engineering lead of your projects.
* Build piping models using the Caesar II software
* Perform and check calculations and solve problems of some engineering complexity.
* Provide advice to the piping designer based on the calculation result
* Review specifications, drawings, and vendor equipment documentation for compliance with project requirements.
* Contribute to design documentation and deliverables such as piping flexibility and stress reports, nozzle load reports, pipe support load calculations, and specialty item data sheets such as spring supports and expansion joints.
* Others tasks as assigned

1. **YOUR SKILLS AND EXPERIENCE**

* At minimum a bachelor degree in mechanical engineering or equal through at least 5 years of experience.
* Knowledge of applicable codes and standards such as ASME B31.3 and EN13480 code is a must. Knowledge of ASME VIII div. 1 and EN 13445 is a plus.
* Fluently using Caesar II software is required.
* Knowledge of Nozzle Pro is a plus.
* Knowledge of equipment’s software (PV Elite/Autopipe Vessel/Visual vessel Design) is a plus
* Understanding of the code stress equations according to ASME B31.3 and EN 13480 is required
* Knowledge of pipe wall thickness calculation and branch calculation is required
* Knowledge of piping materials according to ASME and EN codes is a plus
* Knowledge of piping specification according to ASME and EN is a plus
* Knowledge of flange leakage check according to Equivalent Pressure Method, ASME VIII div.1 appendix 2, EN-1591-1 is required
* Knowledge of ASME B31J-2017 is required
* Knowledge of using and modeling Sliding Plates, Springs, Expansion Joints, and Rigid Struts in the analyses is required
* Must have the capability of providing optimized piping flexibility to resolve stress failure, exceeding nozzle load limits, and flange leakage issue
* Proficiency in Microsoft Word and Excel required.
* Experience and strong interest in pipe stress engineering and mechanical calculations in general.
* Excellent written and oral communication skills in English.
* Minimum of 5 years of relevant experience.

1. **WHY WORK WITH US**

* Opportunity to work on forward thinking projects/overseas projects using the most advanced tools and international standards
* International working environment and European management style
* Training opportunities to develop your career
* 15 days annual leave, 12 days sick leave, 15-20 days child sick leave
* International private hospitalization insurance with annual health check at Vinmec (VIP package)
* Social insurance, health insurance, unemployment insurance, trade union paid following labor law
* Team building, year end party activity and other benefits following company policy
* 5 working days per week (Mon to Fri) with flexible starting time (7AM-9AM).

1. **HOW TO APPLY**

Interested candidates should send their detailed CVs in English to  [trinhtn@boydensvn.com](mailto:%20trinhtn@boydensvn.com) - Phone/Zalo 0938 308 550.

All applications will be kept strictly confidential and only those who are under consideration will be contacted.