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**

|  |  |  |
| --- | --- | --- |
| JOB TITLE | : | **P&ID Designer** |
| DEPARTMENT/ TEAM | : | IND-PH/ PROCESS |
| REPORTING TO | : | Team Leader |
| JOB LOCATION | : | Hanoi/HCM |

1. **DUTIES AND RESPONSIBILITIES**

* The independent elaboration of complex P&IDs and the management of the database in "AutoCAD P&ID", according to the predetermined schedule, within the specified budget and the proposed P&ID drawing guidelines.
* Being able to read and interpret Process Flow Diagrams (PFDs) and mass balance.
* Setting up P&IDs from PFDs with elaboration of typical and standard configurations.
* Extracting correct information from the mass balance and entering it in the "AutoCAD P&ID" database with the correct components.
* Supporting the lead Process engineer in the design of the P&ID.
* Smooth communication with the lead Process engineer for information transfer.
* Self-monitoring of the work delivered, both in terms of formal and substantive quality.
* Eye for efficiency of the work, a.o. by skillful use of the possibilities of the available tools
* Contributing to the coordination between the involved design disciplines
* Optimizing drawing processes and assisting in the further development of smart P&ID systems
* Contributing to the improvement of the smart P&ID process, the smart P&ID tools, continuous improvement and knowledge sharing within the process discipline
* Caption lessons learned from projects together with the team and using them in new projects
* Reporting scope changes
* Respecting the company guidelines concerning SHE and business ethics

1. **YOUR SKILLS AND EXPERIENCE**

* Minimum bachelor level in Chemical or Mechanical engineering
* Strong communicative, organizational and structured skills
* Excellent knowledge of English, both spoken and written
* Knowledge of AutoCAD
* The following knowledge is considered a plus
  + AutoCAD P&ID or similar software packages
  + MicroStation
  + Thorough knowledge of mass balance, PFD and P&ID
  + Basic technical knowledge of Process engineering (pumps, reactors, heat exchangers, piping systems, ...)
  + P&ID symbols and standards (ANSI/ISA 5.1, ISO 10628, ISO 14617, ...)
  + Piping list
  + Instrument list
  + Valve lists

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).
* Opportunity to develop and move towards (junior) process engineering role

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.

**PHẠM VI CÔNG VIỆC**

**SCOPE OF WORK**

* Xây dựng độc lập các bản vẽ đường ống & điều khiển (P&ID) phức tạp và quản lý nguồn dữ liệu trong Auto-CAD P&ID dựa theo kế hoạch định sẵn trong định mức xác định và hướng dẫn thực hiện bản vẽ.

*The independent elaboration of complex P&IDs and the management of the database in "Auto-CAD P&ID", according to the predetermined schedule, within the specified budget and the pro-posed P&ID drawing guidelines..*

* Khả năng đọc và hiểu bản vẽ nguyên lý công nghệ (PFD) và cân bằng vật chất.

*Being able to read and interpret Process Flow Diagrams (PFDs) and mass balance*

* Thiết lập bản vẽ đường ống & điều khiển (P&ID) từ bản vẽ nguyên lý công nghệ (PFD) dựa trên cấu hình chuẩn đặc trưng.

*Setting up P&IDs from PFDs with elaboration of typical and standard configurations.*

* Trích xuất đúng thông tin từ cân bằng vật chất và nhập vào đúng thành phần trong cơ sở dữ liệu của AutoCAD P&ID

*Extracting correct information from the mass balance and entering it in the "AutoCAD P&ID" da-tabase with the correct components.*

* Hỗ trợ trưởng nhóm công nghệ trong thiết kế P&ID

*Supporting the lead Process engineer in the design of the P&ID.*.

* Thảo luận xuyên suốt với trưởng nhóm công nghệ để chuyển giao thông tin.

*Smooth communication with the lead Process engineer for information transfer.*

* Tự quản lý công việc cả về hình thức lẫn nội dung

*Self-monitoring of the work delivered, both in terms of formal and substantive quality*

* Chú trọng hiệu quả công việc, sử dụng thành thạo các phần mềm chuyên dụng

*Eye for efficiency of the work, a.o. by skillful use of the possibilities of the available tools.*

* Tham gia trao đổi công việc giữa các bộ phận liên quan.

*Contributing to the coordination between the involved design disciplines.*

* Tối ưu qui trình bản vẽ và hỗ trợ phát triển P&ID trong tương lai.

*Optimizing drawing processes and assisting in the further development of smart P&ID systems.*

* Tham gia phát triển quy trình P&ID, công cụ P&ID, chia sẽ kiến thức trong bộ phận

*Contributing to the improvement of the smart P&ID process, the smart P&ID tools, continuous im-provement and knowledge sharing within the process discipline*

* Tổng hợp các bài học kinh nghiệm và sử dụng trong các dự án mới

*Caption lessons learned from projects together with the team and using them in new projects*

* Báo cáo các thay đổi phạm vi công việc

*Reporting scope changes*

* Tuân theo các hướng dẫn của công ty liên quan đến SHE và đạo đức kinh doanh.

*Respecting the company guidelines concerning SHE and business ethics.*