



Job Description:

Department	Industry – Pharma – Electrical & Instrumentation
Position	Electrical Engineer
Work Location	Dist 1 – HCM / Dong Da – Hanoi
Direct Manager	Team Leader/ Work Sharing Specialist

Boydens Vietnam part of Sweco (Sweco Vietnam) is a branch of, and 100% FDI owned by Sweco Belgium, a member of Sweco Group, Europe's leading engineering & architectural consultancy company.

For Industry, Energy and Infrastructure projects, please visit our website at www.swecogroup.com

For Building sector and local projects, please visit our website at www.boydensvn.com

At Sweco Vietnam, we are passionate about transforming society and shaping the future. By collaborating with our clients and leveraging the collective knowledge of our team of over 21,000 motivated engineers and specialists, we co-create innovative solutions that address urbanization, harness the potential of digitalization, and foster sustainability in our societies. If you are eager to be part of this transformative journey, Sweco Vietnam is the ideal employer for you.

At Boydens Vietnam part of Sweco, you enter a challenging work environment with the opportunity to work on interesting projects.

For our division Industry & Pharma we are looking for a Senior Electrical Engineer to assist the Belgium Team in the preparation of the projects.

1. Job Description and responsibilities

- Conceptual design:
 - Setup one line diagram
 - Determine UPS
 - Emergency generator
 - Grounding concept
 - Lightning security
 - Setup load balance
 - Calculations in Caneco
 - Setting up block diagrams + lists to indicate E&I scope of the project
 - Following client standards and leading practices
- Assist / direct Designers -> mostly local colleagues and perhaps remote Belgian juniors
- Developing requisitions during basic & detail engineering
 - Transfo
 - MCC
 - Emergency generator
 - Frequency drive
- Developing work description during basic & detail engineering
 - Include measuring state
 - Cable lists
 - Load balance
- Other duties upon request

2. We are looking for:

- Bachelor of Engineering (majoring in Electrical Engineer) or related field.
- From 5 years of experience in electrical design field
- Know and understand the International design codes & Standards related to electrical engineering such as:
 - ATEX
 - AREI
 - Article 104
 - IEC 61439
 - Synergrid
- Familiar with softwares such as : Caneco or similar
- Good knowledge of Autocad and/or Microstation
- Knowledge of Eplan is a plus
- Good knowledge of Microsoft Office including words, excel...
- Basic knowledge of buildings techniques (Electrical, energy efficiency)
- Familiarity with design techniques
- Hardworking, eager to learn and attention to details
- Good communication in English.
- Open communication, honest and realistic progress reporting

3. We offer

- Opportunity to work on forward thinking projects/overseas projects using the most advanced tools and international standards
- International working environment and European management style
- Competitive salary according to personal experience and ability
- 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).

4. Starting date: ASAP

Interested candidates should send their detailed CVs in English quoting the reference code above to trinhtn@boydensvn.com - Phone/Zalo 0938 308 550

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

MÔ TẢ CÔNG VIỆC

- Thiết kế cơ sở
Conceptual design:
 - Thiết lập sơ đồ mạch đơn
Setup one line diagram
 - Xác định UPS
Determine UPS
 - Máy phát điện dự phòng
Emergency generator
 - Khái niệm tiếp đất
Grounding concept
 - An toàn chống sét
Lightning security
 - Thiết lập cân bằng tải
Setup load balance
 - Tính toán bằng phần mềm Caneco
Calculations in Caneco
 - Thiết lập sơ đồ khối + danh sách để chỉ ra phạm vi E&I của dự án
Setting up block diagrams + lists to indicate E&I scope of the project
 - Tuân thủ tiêu chuẩn của khách hàng và các kinh nghiệm thực tiễn đã có
Following client standards and leading practices
- Hỗ trợ / chỉ dẫn các Kỹ Sư Thiết Kế -> chủ yếu là các đồng nghiệp và có thể là các nhân viên mới tại Bỉ.
Assist / direct Designers -> mostly local colleagues and perhaps remote Belgian juniors
- Phát triển yêu cầu trong quá trình thiết kế cơ bản & chi tiết:
Developing requisitions during basic & detail engineering
 - Máy biến áp
Transfo
 - Trung tâm điều khiển motor (MCC)
MCC
 - Máy phát điện dự phòng
Emergency generator
 - Biến tần
Frequency drive
- Phát triển mô tả công việc trong quá trình thiết kế cơ bản & chi tiết:
Developing work descriptions during basic & detail engineering
 - Bao gồm trạng thái đo lường
Include measuring state
 - Danh sách cáp
Cable lists
 - Cân bằng tải
Load balance
- Các nhiệm vụ khác theo yêu cầu.
Other duties upon request