

Senior Technology Architect - Electrolyzer

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Company: Cummins Inc.

Location: Oevel

Category: computer-and-mathematical

Description

At our Oevel site in Belgium, Cummins is developing innovative Electrolyzer technologies that can generate hydrogen for various applications with zero emissions - contributing to a safe and healthy environment for future generations.

We have a diverse team of engineers dedicated to the development of existing and future products for customers on a global scale. We are currently looking for a **Senior Technology Architect** to join our global team. The role will report to the Global Platform Leader – HyLYZER 500.

Your tasks

Support the development of the HyLYZER-500 Global product to align with market plans.

Working closely with other platform leaders to define processes and tools for product platform management of electrolyzers.

Partnering with the functional engineer leaders in the planning, delivery and execution of engineering plans.

Develop system level requirements for platform Hylyzer 500.

Translate system req to sub system requirements.

Develop system P diagrams, boundary diagrams, system FMEA (Failure Mode & Effects Analysis).

Define, develop and enhance key architecture features for all global platforms.

Develop plans, ideas and concepts for further optimization of platform architecture.

Partner with Platform Leader to develop the platform product road map / plan.

Develop & own hopper and manage/plan changes for platform architecture optimization for reliability, performance, cost, TCO, manufacturability, etc.

Coach, develop and train platform experts and Technical Project Leaders in architecture details.

Assist and advise in issues and failures in VPI (Value Package Introduction) and CP (Capability of a Process).

Platform Interface with Stack Team.

Availability for business trips (up to 15% of working time, mostly to USA).

Your profile

College, university, or equivalent Bachelor's degree in Engineering (preferably Mechanical and Electrical Engineering) or appropriate STEM field is required.

Demonstrated success having worked in a Technical Specialist/Specialist Engineering role on lower complexity product development activities, translating customer needs and negotiating into product development plans, technical profiles and/or product specifications with a proven track record of successful product decisions.

Intermediate level of relevant professional work experience in the field of study required (experience with Hydrogen Electrolyzers is preferred).

Exceptional communication skills: adept at developing and delivering multi-mode communications tailored to different audiences.

Manages complexity - Making sense of complex, high quantity, and sometimes contradictory information to effectively solve problems.

Highly adaptable, flexible and resilient to constant change within this new emerging hydrogen market / industry.

Excellent problem-solving and analytical skills, with a keen attention to detail.

Self-motivated, takes ownership, and capable of starting new processes from scratch.

Proficient in English – Written and Verbal.

What we offer

Excellent working environment

Mentoring/coaching for high performance

Cummins core values

Hybrid working system

Job ENGINEERING

Primary Location Belgium-Antwerp-Mol-Belgium, Oevel, Hydrogenics Europe NV

Job Type Experienced - Exempt / Office

Recruitment Job Type Exempt - Experienced

Job Posting Apr 11, 2024, 6:21:53 PM

Unposting Date Ongoing

Organization Accelera Business

Role Category Hybrid - Potential for Partial Remote

Relocation Package Eligible

Req ID 24000348

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