

Job description Engineer

Organisation: HYGRO – Business Unit Technology BV

HYGRO Technology BV has the ambition, to develop, manufacture, sell and service green hydrogen production and hydrogen distribution equipment, enabling the market to offer green hydrogen with the lowest levelized cost of hydrogen.

Function: Engineer

The engineer places a vital role in developing new and maintain existing products and services to the market and identifies new product and service opportunities.

Position in the organisation

The engineer reports to the managing director of HYGRO Technology BV.

Responsibilities and Duties

- Design and supervise the manufacturing and testing of hydrogen production equipment for safety and technical feasibility.
- Ensure designs meet customer needs, engineering principles, budgets and government regulations.
- Perform initial and ongoing design reviews, utilizing FMECA and DFA tools.
- Deliver documentation offering a critical analysis and suggestions for correcting errors.
- Develop and standardise manufacturing methods, quality standards and delivery dates.
- Inspect malfunctioning products, create solutions, and supervise fixes and implementation.

Qualifications and Skills

- Expert knowledge of government regulations and standards for hydrogen products.
- Expertise in design, testing and engineering of hydrogen production and distribution systems.
- Excellent analytical, math and problem-solving skills.
- Proven supervisory and project management skills.
- Effective communication skills and the ability to articulate concepts.

Education and training requirements

Employee should have a master degree from a technical university, faculty of applied physics or chemistry or mechanical engineering or electrical engineering. In case of working on site, VCA and or working on heights is required.