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Reliability Engineer

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Company: Daikin Industries

Location: Ostend

Category: computer-and-mathematical

Reliability Engineer

Entity: Daikin Europe HQ Job Category: Research and Development Location:

Oostende, West Flanders, BE Zwijnaarde, BE

Job Requisition ID: 1392

Daikin Europe NV (DENV) is a subsidiary of Daikin Industries Limited, a Japanese outstanding company and worldwide the biggest developer, producer and supplier of HVAC-R (heating, ventilation, air conditioning and refrigeration) solutions, including heating pumps and cooling technology.

DENV is Daikin's sales, R&D, and production headquarters for Europe, the Middle-East and Africa. The headquarter has Belgian offices in Brussels, Ghent and Ostend, as well as 8 production plants, 24 sales subsidiaries and offices and a whole network of independent distributors and dealers across the EMEA region.

Department

As EMEA Development Centre (EDC), we develop and test air-conditioning, heating, refrigeration and ventilation products as well as controls and IOT solutions.

These are produced in different factories located within and outside Europe. These products are put on the market through our various Daikin distributors and affiliates within Europe, Middle East and Africa.

Your role

As a product validation engineer within our EMEA Development Centre, you will be involved in the development and testing of heat pumps, refrigeration systems and commercial air

conditioning products focusing primarily on the quality of the newest products.

You core tasks will include:

Together with the product department team, analyse the unit requirements, functionalities and potential failure modes to determine which tests and evaluation criteria's the products must undergo

Determine the testing schedule autonomously while taking the global planning within and outside EDC into account.

Execute the validation tests (structure, reliability, performance, sound and safety)Deeply analyse the test results and confirm required criteria's are met

Validate and verify the results of FEM simulations

Discuss the test results with the product development team and have an active role in countermeasure definitions

Gather data, visualise and officialise the test report

Discuss your interim results with the management, make diagnoses and ensure the setting up and implementation of action plans to identify and avoid bottlenecks.

Report and confirm development quality status to senior management in design review meetings

Your profile :

You have a master's degree in engineering, preferably in thermodynamics or energy systems.

You have a hands-on mentality and have an analytical, quality driven mindset with a high sense of responsibility

You are a person with a strong technical interest

You have a good understanding of analysis tools and methods

You are a team player who is driven to find solutions to challenging technical issues

You have a strong interest in the HVACR business and want to actively contribute to achieving the goals of the Green Deal.

You enjoy playing an active role in projects and you have the requisite self-discipline to draw up timetables, make priorities and meet deadlines.

Knowledge of both spoken and written English are essential for this position.

This vacancy is open to both recent graduates and candidates with experience.

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Cross References and Citations:

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