

*[Magic Boiler](#) is a leading clean-tech development and sales business with innovative products in energy technology for the home. Our cleverly embedded complex systems give our customers a more comfortable life, whilst reducing environmental impact and improving costs. With a dual focus on product development and sales, Magic Boiler is uniquely positioned to bring to market trend-setting technology that our customers want. Based in Rotterdam, The Netherlands, our outlook is global, with sales in Germany, Holland, Belgium, France and the UK, and partnerships in manufacturing spread around the world. Our current team of 12 full-time and part-time staff are eagerly awaiting new colleagues for fresh thinking and participating in the building of our company.*

## Technical Project Leader Condensing Boiler Nano30

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Our latest product, the Nano30, is the world's smallest high-power condensing boiler with outstanding efficiencies due to our patented heat exchanger. It is also the world's first designer boiler, emphasising the importance of aesthetics of products in our homes. To lead the Nano30 to market, our team needs expanding to include a Technical Project Leader Nano30, who will oversee the Design, Engineering and New Product Introduction process, interact with suppliers & manufacturing partners and capture ideas from the market to improve our product.

### **Your role**

To lead the Nano30 condensing boiler design, development and manufacturing efforts including market launch:

#### Key Duties

1. DESIGN – captures improvements needed in heat exchanger-burner design and manufacturing, and also in the Nano30 boiler system
2. DEVELOPMENT – leads the test effort for the heat exchanger-burner combination, as well as the testing of the Nano30 boiler system. Also leads the work necessary to achieve all necessary third party verification and accreditation.
3. SUPPLIER CONTACT – manages the contacts with suppliers on component and performance specifications, and delivery of product components for manufacturing
4. MANUFACTURING CONTACT – works closely with manufacturing partners for key sub-systems and overall product assembly to achieve required level of Manufacturing feasibility and Servicing feasibility

#### Additional Detailed Responsibilities

5. Makes improvement proposals concerning gas burner-heat exchanger systems and gas combustion systems, and if necessary based on sound theoretical analysis.

6. Does research and evaluates flow phenomena and noise generation as a result of combustion processes in heat exchangers and translates the research results to practical applications.
7. Implements and develops efficient FEM and CFD modelling techniques in order to generate new design proposals, both for burners, heat exchangers, and the entire Nano30 boiler system. Enables engineers to apply the procedures.
8. Is responsible for close interaction with and guidance of assignments towards development and testing partners, and supplier R&D centers, and represents the company at a technical & development level.
9. Is responsible for experimental setups and measurement programs. Enables engineers to use these setups for their R&D work.
10. Stays in close touch with internal and external customers, analyzes customer requests and translates these into design change proposals.
11. Takes into account valid environmental requirements, efficient combustion processes, effective production methods and application of high-grade materials.
12. Participates in project teams as a project member.

### **Your profile**

1. Product Engineering or Mechanical Engineering background
2. Preferable experience in gas combustion and/or heating technology products
3. Knowledgeable of Business 'start-up' and business partnering – ideally with 2 years experience in a start-up company
4. Proven project management experience
5. Has experienced at least 1 full New Product Introduction cycle from design to market introduction
6. Strong team builder and motivator
7. Has an approach that is flexible
8. Willing to move to the Rotterdam area [The Netherlands]
9. Multilingual: fluent in English; other languages, particularly Dutch, German and/or Spanish, would be beneficial.

### **We offer**

We offer a temporary contract (with possibility of a permanent contract) and good working conditions in a highly professional and dynamic organization.

### **Are you interested?**

Please apply by sending your CV and cover letter by email to:

**Mr Christopher Lee,**  
Chief Technology Officer  
[chrislee@magicboiler.com](mailto:chrislee@magicboiler.com)

**The Magic Boiler Company**  
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