

**Please send your application to: [fenna.fokkema@thomassen.psm.com](mailto:fenna.fokkema@thomassen.psm.com)**

## **Job Description Combustion Engineer**

### **1. OBJECTIVE OF THE POSITION**

Effectively lead R&D, innovation and customer projects in the field of gas turbine combustion fulfilling the company targets in terms of technical performances, future growth, budget, quality and schedule.

### **2. PRIMARY RESPONSIBILITIES**

- Effectively lead the assigned combustion projects
- Responsible for managing the combustion projects according to the tollgate procedure
- Lead in the design and testing of new combustion parts
- Assist in the combustion product manufacturing qualification, procurement, sales and repairs
- Plan, coordinate, direct, control and commission new (customer) projects, like DLN conversions and water injection installations
- Compose detailed specifications of auxiliary devices, such as pumps, valves, filters, transmitters, etc.
- Compose technical documents, such as device summaries and P&IDs, for complex auxiliary installations
- Closely cooperate with all departments, in particular Sales, Procurement, Project Management and the Repair Shop, to achieve the objectives of the projects
- Perform trouble shooting and RCA with respect to issues at site
- Conduct combustor tuning tests at site
- Develop the expertise on combustion systems: follow what the competitors do and strive to achieve better results
- Actively cooperate mainly with the Engineering group on combustion of the “mother” company
- With larger projects: Motivating and developing the project team in order to achieve targets
- Preparing and leading project meetings
- Supervising individuals as necessary
- Organize, chair and evaluate Design Reviews
- Evaluate technical documents and manufacturing drawings
- Support and maintain the technical database
- Accountability of the hours spent on specific tasks and projects

### **3. SPECIFIC TASKS**

- Build and maintain relations with third parties on combustion (contractors, universities, mother company).
- Research and advice about new potential development and innovation opportunities.
- Provide guidance to project team members creating an atmosphere where everyone will strive for the maximum results

#### **4. COMPETENCES**

- A. Education:
  - M.Sc. in Mechanical engineering with a major in combustion technology
- B. Additional Training:
  - Project Management, Gas Turbine Technology, Proficient in English, Basic IT tools.
- C. Experience:
  - 3 to 5 years in a similar leading role and/or equivalent technical experience.
- D. Personal skills.
  - Flexible and adaptable
  - Self-starter
  - Proactive
  - Able to work under pressure and to set priorities.
  - Challenged by technical issues to provide the solution
  - Excellent communication skills (motivating, persuasive, listener).
  - Team player