



Exciting and interesting career opportunities

Do you want to play a pivotal role in building a world leading power business with exciting and interesting career opportunities?

Do you want to have a strong influence in generating “clean power” and reducing harmful emissions to the atmosphere?

Alstom Steam Turbines currently has the following vacancies in the Critical Technology, Steam Turbine Retrofit & Upgrade Integration Department:

- **1 Group Head, Mechanical Integrity**
- **3 General Engineering/Technical Leads for detailed design of steam turbine modules**

with a proven track record in the turbomachinery field.

Alstom has supplied more than 25% of the world's installed power generation capacity and possess the broadest scope of power generation systems, equipment and services in the industry. Our vast industrial network around the world encompasses sales, projects, and engineering offices, manufacturing facilities, workshops, and R&D labs where people are the key to our continued success.

Alstom are the world leader in Steam Turbine Retrofits with solutions, which have already improved the efficiency and operation of over 800 turbine cylinders from both Alstom, and other manufacturers fleets in over 30 countries during the last 25 years. Our heritage encompasses nuclear, fossil, combined cycle and co-generation applications using both reaction and impulse turbine technologies. This comprehensive know-how uniquely positions Alstom to apply customised retrofit solutions to the world's entire generating fleet.

Due to the outstanding success of the Steam Turbine retrofit & upgrade activity, we are looking to recruit key personnel in areas to match the current and future needs of the business. The above positions are in the R&D

Department in Rugby. The work is highly innovative by nature and has to achieve competitive retrofit & upgrade solutions quickly.

The purpose of the role is to achieve competitive solutions for large steam turbine retrofits (fossil and nuclear units up to 1,800 MW). It will involve :

- Personally executing individual projects using specialist in-house or commercial software packages (e.g. Catia, Abaqus, Ansys, iSIGHT)
- Liaising and co-ordinating with other parties to ensure that the required milestones are met
- Delivering the required outputs to quality, time and budget
- Being able to physically understand machine behaviour and hence being able to improve designs
- Improvements to designs by using design flair and creativity
- Validating the new designs and ensuring that satisfactory results are obtained
- Improving design standards/guidelines and support of key business initiatives.

To deliver these results the candidates are likely to have the following attributes

-Degree qualified:

- Mechanical Engineering, or
- Mathematics/Physics degree (with substantial Engineering experience) or equivalent relevant experience.

PhD and languages (i.e. German, French) an advantage.

- demonstrable experience in turbomachinery (preferably large steam turbines)

- personal abilities such as drive, perseverance, leadership, communication and influencing skills.

To apply please send a CV and covering letter clearly indicating your salary expectations to :

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