

SENIOR METALLURGICAL ENGINEER

(Positions for both senior and junior metallurgists available!)

My client is a global leader in the world of power generation and sets the benchmark for innovative and environmentally friendly technologies. The company designs, manufactures and supplies state-of-the-art products and systems to the power generation and industrial markets and has an immediate opportunity for a qualified Senior Metallurgical Engineer with Materials Technology Center (MTC) at the Chattanooga, Tennessee facility.

The Senior Metallurgical Engineer will be responsible for providing technical direction and contributions to a broad range of metallurgical activities including material selection, high temperature material behavior, effects of service environments, failure analysis, remaining life estimates, and manufacturing processes including welding. This position will focus on metallurgical R&D activities and will be expected to provide technical insight and leadership on topics ranging from creep strength enhanced ferritic steels through advanced stainless steels to nickel based alloys for future plant concepts. In addition to an excellent understanding of metallurgy candidates must also be able to execute metallurgical investigations and material test programs. A working knowledge of the materials requirements of ASTM and ASME standards, particularly the boiler and pressure vessel code would be advantageous. Some experience with modeling of material behavior, characteristics and performance (e.g. microstructural evolution, creep, oxidation, corrosion) would be beneficial. The Senior Metallurgical Engineer will be expected to define and supervise projects to completion, develop technical reports and presentations, interact with R&D teams and engineering groups within Alstom as well as industry teams and external customers. Assigned tasks will be executed with limited supervision and some travel (domestic and international) will be required.

NOTE: The successful candidate will likely hold a PhD in Metallurgical Engineering or equivalent, post-docs and individuals with only a year or two of experience will definitely be considered. Welding Engineers or Materials Engineers with a relevant background will also be considered. Demonstrated expertise in directing materials research activities is required. Knowledge of the issues related to materials and operation of critical boiler and turbine components is required. Must demonstrate strong verbal and written communications skills, and the ability to work within and lead diverse, multifunctional teams. My client offers an excellent compensation and benefits package.

My client is a global leader in equipment and services for the power industry, present in more than 70 countries, with over 70,000 employees. They have retained my company (Wingate Dunross Associates) exclusively to represent them in their search for a Metallurgist with failure-analysis expertise. Expertise in boiler pressure tubing and "creep-enhanced materials" would be a very big plus, but junior candidates with just a year or two experience and a PhD or Post-Doctoral students with extensive publications will very definitely be considered. If you are interested in this opportunity, or have referrals or suggestions, please alert me. You are welcome to distribute this email as widely as you like. Please note that this is a full-time opportunity (only), requiring relocation to Tennessee.

Thank You,

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