

Heat Treatment Process Engineer

Location: Beijing
Sector: Machinery
Starting date: ASAP

Company

Our client is a globalized company to design, manufacture and sell all kinds of heat treatment furnaces. Its headquarters locate at Grenoble, southeast of France. It owns its subsidiaries in America, and China, service bases in India, Mexico, Argentina, and office in Japan.

The company has supplied all kinds of heat treatment equipment worldwide. The company obtained great market share in Europe, especially in France, and own 80% market share of vacuum furnace.

Position:

We are looking to hire a skilled process engineer to oversee the design and implementation of our ICBP furnaces processes. As a process engineer, you will be responsible for onsite implementing process strategies and optimizing current processes. Ultimately, your job is to maintain the efficiency of production in order to meet customer technical requirements to increase production and reduce costs.

To ensure success as a process engineer you should have extensive experience in process design of heat treating, excellent technical skills, and high-level analytical skills. A top-class process engineer can analyze a process system and implement simple yet effective changes to boost production.

- Before a new project kicked off, be responsible for project evaluation to determine if the current process ability could meet the customer's product capacity demand and technical requirements. Based on assessing the process feasibility to provide suggestions on equipment selection.
- Be responsible for commissioning and optimization of heat treatment process during equipment installation and commissioning.
- Solve material and heat treatment problems during client production, and provide technical support.
- Be responsible for testing hardness, metallography, composition, etc. and handling customer complaints, and assist the technical team to complete the final acceptance.
- Be responsible for customer training onsite.

Requirement:

- B.S. or higher in Materials Science and Engineering, Heat Treating Engineering, Metallurgical and Materials Engineering or equivalent
- Knowledge of basic theoretical of material heat treatment, and be familiar with the failure analysis of materials and mechanical parts.

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- Hands-on experience of operation of common heat treatment equipment (low pressure vacuum carburizing furnace).
- More than three years of working experience in heat treatment, familiar with metallographic, mechanical properties and other materials and heat treatment inspection methods.
- Experience thermally processing aerospace or auto materials such as stainless steel, copper, nickel and cobalt alloys, and titanium wrought alloys, casting, and additive manufacturing.
- Fully versed with heat treat and pyrometry standards (AMS2750, AMS2769 and AC7102).
- Fully versed in industry standard HT specifications (AMS-2774, AMS 2769, AMS-2801, AMS2759).
- Fully versed with the quality management and quality assurance system of heat treatment process, and basic methods of process control.
- Ability to analyze and solve quality problems in material heat treatment.
- Ability to design the process flow of the heat treatment workshop and reasonably arrange the equipment.
- Good English listening, speaking, reading and writing skills.
- Available for long-term business trip.
- French citizen or national, China permanent resident (current Green Card holder), or lawfully admitted into the China with Z visa.

APPLICATION : Please send your resume to: bj-hr@ccifc.org

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