

Thermal Engineer

热能工程师

Location: Beijing

Starting date: ASAP

About the Company:

Our client is a full round of cooperation from technical research to product development and production on civil turboprop engine power turbine and flame tube, providing modules for Grand Groups manufacturing aircraft engines.

我们的客户经营领域广，包含民用涡轮螺旋桨发动机动力涡轮和火焰管上的技术研究、产品开发和生产。我们的客户还为制造飞机发动机的公司集团提供零部件。

Mission:

- To perform thermal computations of flame tube or power turbine by taking into account aerodynamic boundary conditions and mechanical specifications of the parts,
研究气动边界条件和部件的机械规格，进行火焰管或动力涡轮的热计算；
- To perform and improve the thermal computations methodology on flame tube or power turbine parts, submitted to high temperature level,
执行并改进高温下火焰管或动力涡轮部件的热计算方法；
- To attend technical meetings and bring solutions to Safran AE and SAIC/HAPRI requirements for company
参加技术会议，为公司提供符合赛峰 AE 和 SAIC/HAPRI 要求的解决方案
- To bring critical analyses of the results in order to improve the design of the parts and the methodologies used
对结果进行批判性分析，以改进零件的设计和使用的办法

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- To write technical reports and participate to technical presentations
撰写技术报告并参与技术演示
- To work in a team with high communication with colleagues and hierarchies
在团队中工作，与同事和层级保持高度沟通
- To work in a multi-cultural company
在多元文化的公司工作
- To know and respect the security and human behavior rules of company.
了解并尊重公司的安全和人类行为规则。

Requirements:

- Engineer or Doctor degree (research studies appreciated) in thermal design,
工程师或博士学位(研究专业优先)
- Knowledge of Siemens numerical tools (NX Thermal, NX modeling/NX CAD, NX CAE), Star CCM+ and Python knowledge required
掌握西门子数值工具(NX Thermal, NX 建模/NX CAD, NX CAE), Star CCM+和 Python 知识
- Knowledge of fluid dynamic and thermal transfer
流体动力学和热传导知识
- Knowledge of turbine design and integration is a plus
具备涡轮机设计和集成知识优先考虑
- Knowledge of engine integration is a plus
具备发动机集成知识优先考虑
- Creativity and open mind mandatory
必须有创造力和开放的心态

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

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