

Experienced Project Engineer



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Liftech Shanghai Limited is seeking an experienced project engineer to join our team.

Liftech Shanghai Description

Liftech Shanghai Limited, Shanghai, China, established in 2017, is an independent company wholly owned by Liftech Consultants Inc., located in Oakland, California, US. We have special expertise in the design of container handling cranes and other equipment. We provide design review, on-site fabrication assistance services, and on-site repair or modification engineering support to our clients. Liftech Shanghai also serves as a link among clients, manufacturers, and the Liftech home office. Liftech is an equal opportunity employer.

Typical responsibilities include but are not limited to:

1. Crane structural and mechanical design
2. Structural and mechanical analysis and calculation
3. Performing finite element analysis
4. Project management
5. Construction support
6. Fabrication audit
7. Interacting and communicating with foreign clients

岗位职责:

1. 起重机结构和机构的设计
2. 结构计算, 机械力学的计算
3. 有限元分析
4. 项目管理与组织
5. 施工现场及车间的技术支持
6. 制造过程的监督与审核
7. 与国外客户的沟通与拜访

Position Requirements

1. Five years or more of crane structural or mechanical design experience. Experience with managing complex projects preferred.
2. Bachelor's degree required, Master's degree preferred.
3. Fluent in written and spoken English, CET 6 or above preferred.
4. Familiar with crane related standards, e.g., FEM, GB3811, BS7608, ASTM, etc.
5. Familiar with structural design codes, e.g., AISC, AWS, etc.
6. Experience with finite element analysis and software.
7. Knowledge of Microsoft Office and AutoCAD.
8. Ability to independently prepare structural/mechanical design and calculations.
9. Strong interpersonal and communication skills.
10. Willingness to travel.

应聘要求:

1. 五年或以上有相关起重机结构或机械的设计经验, 拥有管理复杂项目经验优先考虑
2. 大学本科及以上学历, 研究生优先考虑
3. 英语听说书写流利, 拥有英语 CET6 级或其他证书优先考虑
4. 熟悉起重机相关标准, 例如: FEM, GB3811, BS7608, AST 等
5. 熟悉结构分析与计算的相关标准, 例如: AISC, AWS 等
6. 熟悉有限元分析和其相关软件
7. 熟练运用微软 Office 系统与 AutoCAD
8. 拥有独立进行结构与机械的设计和计算的能力
9. 拥有良好的团队合作精神和个人社交能力
10. 可以接受出差

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