



Example of HVAC Project Engineer Job Description

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Our company is growing rapidly and is hiring for a HVAC project engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for HVAC project engineer

- Responsible for keeping abreast of Trane products, product design, and requirements for installation working knowledge of HVAC principles
 - Rebid estimates as necessary
 - Independently determines project scope, develops a preliminary plan of investigation, and determines project specifications such as cost, time, and sample requirements by analyzing client input, available supplemental data, and product construction
 - Communicates with clients to discuss technical issues, explain UL procedures and requirements, convey project cost, and negotiate completion date and sample requirements
 - Determines areas in which the product is not in compliance with UL requirements or of any changes in project scope or specifications, and notifies client
 - Serves as Project Handler of record and signs as Reviewer of record as assigned
 - Perform Energy validation activities, including audits, inspections and metering in Commercial and Industrial facilities
 - Conduct Energy Savings Measurement and Verification (M&V) activities, including the development and execution of IPMVP compliant M&V plans and execution
 - Perform technical studies of complex building systems
 - Perform energy analysis of facility energy improvements using standard or predefined energy analysis tools and methodology
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- Create complete design package for production
- Experience in industrial HVAC design for buildings and process equipment
- Use of economic thinking when evaluating alternatives/equipment/vendors/contractors
- HVAC design/calculation knowledge, w/ familiarity in building & mechanical codes & ASHRAE standards
- Experience with Wingems or similar process modeling tools
- Experience with ANSYS or similar CFD modeling software