



Example of HVAC Engineer Job Description

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Our company is searching for experienced candidates for the position of HVAC engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for HVAC engineer

- Defining the Train System architecture, operational modes and functionalities taking as input the external/internal requirements Performing train system FMECA in coordination with RAMS team
- Ensuring consistency and compatibility between all the sub-systems specifications
- Writing sub-system specification and architecture description (RSAD2) in collaboration with the SSEIPU/TCE according to train level architecture
- Writes the Technical Purchasing Specification (TPSO -Short Specification) when needed
- Supporting TSE to define applicable train configuration
- Defining and Performing Train verification strategy in close collaboration with all Engineering metiers, Certification & Validation teams and TSS Team and Participating Units
- Writing the train level test specifications Ensuring the train integration and tuning
- Technical open issues resolution on TSE request, from investigation to modification implementation and problem closure
- Performing reporting at project level (to TSE, via KPI) and metier level (via weekly reports)
- Supporting TSE for implementation and update of Engineering risks mitigation plan, change order process and QCD optimization

Qualifications for HVAC engineer

- BS Degree in Mechanical Engineering or closely related field such as Environmental or Architectural Engineering, with an emphasis on HVAC preferred
- Prior HVAC or construction related work experience preferred
- Minimum of 10 years experience in an industrial HVAC/Refrigeration & electrical maintenance or equivalent educational background plus experience
- The role requires front end engineering and design consulting skills
- Post Graduate Degree in Mechanical
- Must be comfortable using Word, Excel, Adobe, Web-based programs