

Principal Data Center Design Mechanical Engineer

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Company: Oracle

Location: United Kingdom

Category: computer-and-mathematical

In response to increased concurrent projects for the design and delivery of our data centers, Oracle is recruiting a Senior Mechanical Engineer. The role is a senior multi-disciplinary data center design lead with a mechanical background, charged with the direct interface between Oracle and our data center partners in the Mechanical, Controls, Plumbing and Fire functions. With extensive experience designing and delivering mission critical facilities and professional qualifications in mechanical engineering the role is responsible for all design decisions related to assigned data center projects: site selection, new construction, phased expansion, retrofits and upgrades and acquisition conversions.

1. Leads and manages a project or other design and engineering initiatives. Provides guidance and engineering leadership in ensuring project or other design and engineering initiatives are meeting or exceeding company expectations
operating knowledge of engineering systems to include advanced diagnostics and repairs. Ability to apply knowledge of Oracle processes and procedures and industry standards to resolve non-routine issues. Utilizes safe working practices at an EXPERT level (. can apply procedure for lockout/tag out, can explain MSDS, . Evaluates and assures the safe working practices of others. Interacts with other engineering disciplines. Works with the colocation providers engineering teams to ensure mechanical systems are adequately designed, specified and installed to deliver robust operation for Oracle.
3. Contributes to identifying and developing training programs for newer members of the team as it grows. Acquires knowledge by expanding experience with systems, vendor training, participation in industry groups or meetings and shadowing others. Is SME with many systems

and trains others inside and outside of the group

4. Provides expert input for effective contract administration including generation and review of contracts, change orders, cost forecasts, and other pertinent documents and documentation.

5. Contributes to mentoring junior team members. Directs all internal and external project team members delivering data centers or part-data centers for Oracle. Expert level communication to include cross functional SOP development and relevant technical writing. Interactions are primarily to exchange information between departments within the organization.

6. Contributes to creating and maintaining best in class policies and procedures. Participates in review of policy and procedure documents. Develops policy documents with the input of others. Assures adherence to developed standards and policy through review of documentation, participation in commissioning activities, design summits and data center commissioning or reviews.

7. Consistently solves complex, cross-functional issues requiring independent action and a high degree of initiative to resolve. Makes recommendations for system level enhancements to eliminate potential problems. Tests suitability of components or action plans for deployments

8. Has an expert level system knowledge. Is a subject matter expert to others in and outside of the group. Extensive knowledge of multiple facets of the relevant engineering discipline. Develops and executes projects. Leads internal and/or external engineering or construction related seminars/conferences

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