

CYIENT

Chiller Engineer

募集職種

採用企業名

CYIENT株式会社

求人ID

1552295

業種

機械

雇用形態

正社員

勤務地

兵庫県

給与

600万円 ~ 1200万円

更新日

2025年07月25日 00:00

応募必要条件

職務経験

6年以上

キャリアレベル

中途経験者レベル

英語レベル

日常会話レベル

日本語レベル

ネイティブ

最終学歴

大学卒：学士号

現在のビザ

日本での就労許可が必要です

募集要項

Key Responsibilities

- Experience in leading design and specification of centrifugal chillers, shell-and-tube heat exchangers, and associated piping systems in accordance
- Perform load calculations, refrigerant flow modeling, and chiller system simulations using tools like TRACE 700/3D Plus, HAP, or EnergyPlus.
- Develop technical documentation including P&IDs, piping layouts, equipment data sheets, valve and control schematics.
- Design for redundancy (N+1, 2N) in accordance with Tier III/IV data center standards.
- Coordinate with structural and electrical engineers to ensure compliance with guidelines on pipe supports, anchors, and expansion joints.
- Integrate chiller plant design with building management systems (BMS) and energy efficiency control logic.
- Oversee vendor reviews, bid evaluations, factory acceptance tests (FAT), and site acceptance tests (SAT).
- Provide technical leadership during commissioning and retro-commissioning phases.
- Stay up to date with evolving ASME, ANSI, and ASHRAE standards and best practices.

Required Qualifications

- Bachelor's or Master's Degree in Mechanical Engineering or Thermal Systems Engineering.
- 10+ years in HVAC design with at least 5 years specializing in centrifugal chiller systems
- ASME experiences is good to have

会社説明