

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12月12日 01:00

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