SPENCER OGDEN

Field Service Engineer – Data Centre Thermal Systems

Job Information

Recruiter
Spencer Ogden Energy Pte Ltd

Job ID
1624085

Industry
Civil Engineering and Construction

Company Type
Small/Medium Company (300 employees or less) - International Company

Non-Japanese Ratio
About half Japanese

Job Type
Permanent Full-time

Location
Japan

Salary
7 million yen ~ 12 million yen

Refreshed
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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Daily Conversation Level (Amount Used: English usage about 50%)

Minimum Japanese Level
Business Level

Minimum Education Level
Technical/Vocational College

Visa Status
No permission to work in Japan required

Job Description

About the opportunity
Our client is a global leader in critical digital infrastructure, powering and cooling many of the world's largest data centres. With AI driving rapid data centre growth in Japan, they are expanding their service team to support mission-critical customers. This is a hands-on field role on the latest data centre cooling technology, with structured training and a clear technical career path.

Role description
You will deliver testing, commissioning and maintenance of data centre cooling systems, keeping critical facilities running 24/7.

- Carry out testing and commissioning, preventive maintenance and time-and-materials service on thermal products, including CRAC units, fan walls, AHUs and XDUs (liquid cooling distribution units).

- Respond to emergency service calls as part of a 24/7 standby rotation, including some weekends, holidays and after-hours support.
- Troubleshoot in the field alongside technical support, fellow engineers and third-party vendors.
- Write method statements, risk assessments, site acceptance test procedures and incident reports.
- Work with project management teams to plan testing and commissioning schedules.
- Uphold the highest safety standards on site: PPE, calibrated tools and timely incident reporting.
- Build strong, long-term relationships with data centre customers.

Required Skills

Qualifications

- Diploma or degree in Mechanical Engineering, with 2+ years of relevant experience.
- Field service knowledge of thermal systems: CRAC, HVAC, AHU or chillers.
- Strong customer service mindset and commitment to quality.
- [Japanese: native/business level | English: conversational/business level]
- Willing to join a 24/7 standby rotation.

Nice to have

- Experience in critical infrastructure (data centres, semiconductor, pharmaceutical or other mission-critical facilities).
- Exposure to liquid cooling or high-density cooling systems.
- Testing and commissioning experience.

Why this role

- Work on the cooling technology behind the AI data centre boom.
- Structured training and certification on world-class thermal products.
- Career path into senior field, commissioning or technical support roles.
- Stable, global company with a strong data centre customer base in Japan.

Company Description