



## PR/096878 | Mechanical Design Engineer

### 募集職種

#### 人材紹介会社

ジェイエイシーリクルートメントシンガポール

#### 求人ID

1585833

#### 業種

その他（メーカー）

#### 雇用形態

正社員

#### 勤務地

シンガポール

#### 給与

経験考慮の上、応相談

#### 更新日

2026年05月19日 08:00

### 応募必要条件

#### 職務経験

1年以上

#### キャリアレベル

中途経験者レベル

#### 英語レベル

流暢

#### 日本語レベル

無し

#### 最終学歴

短大卒：準学士号

#### 現在のビザ

日本での就労許可は必要ありません

### 募集要項

#### Company Overview

Our client is a global leader in the engineering and manufacturing industry, renowned for delivering high-performance engine systems and power solutions. They design, manufacture, and maintain cutting-edge products and systems, including power plants, transportation systems, and industrial machinery. As they continue to drive growth and expansion, they are now seeking a Mechanical Design Engineer to join their team and contribute to their ongoing success.

#### Key Responsibilities

##### Design Management & Development:

- Create 2D & 3D parts and assembly drawings for generator set models using SolidWorks.
- Lead the mechanical design and development of generator set enclosures, ensuring acoustic, thermal, safety, and structural requirements are met.

- Collaborate with manufacturing, supply chain, and vendors to optimize designs for cost, manufacturability, and durability.
- Oversee testing and validation of enclosures (acoustics, vibration, thermal, IP/weatherproof).
- Utilize CAD/CAE tools for 3D design, validate CFD/FEA analysis, and manage product data.
- Support continuous improvement initiatives, implement design best practices, and issue Engineering Change Orders (ECO) for design improvements.
- Engage with vendors to evaluate the design and performance of equipment selected for our products.

#### Pre-Sales Design Support:

- Provide mechanical design support from concept development through the pre-sales stage.
- Ensure all designs meet performance, quality, and customer requirements.
- Work closely with internal stakeholders (sales, application, procurement, production teams) to align engineering feasibility with market needs.
- Drive innovation in genset design, modularity, and digitalization.
- Manage pre-sales engineering changes, process design reviews, and conduct risk assessments.
- Work with the application team to perform engineering feasibility on components, equipment, and services proposed by vendors, and liaise to deliver customized products for specific project needs.

#### Key Requirements

#### Education & Experience:

- Bachelor's degree in Mechanical Engineering or related field.
- 1+ years of experience in product design and manufacturing.

#### Technical Skills:

- Strong background in sheet metal design & fabrication, acoustics, thermal management, and structural design/FEA.
- Proficiency in CAD software (SolidWorks, Creo, CATIA, or NX).
- Knowledge of fabrication processes, coatings, corrosion protection standards, and surface treatment.
- Experience in design-to-manufacture lifecycle management, supplier/vendor collaboration, and testing/validation management.
- Experience with Product Data Management (PDM) is an advantage (optional).

#### Soft Skills:

- Exceptional problem-solving and troubleshooting abilities.
- Strong leadership and planning skills.
- Excellent communication skills for effective internal stakeholder and customer engagement.

Apply online or feel free to contact me directly for more information about this opportunity. Due to the high volume of applicants, we regret to inform that only shortlisted candidates will be notified. Thank you for your understanding.

Aloysius Loh  
JAC Recruitment Pte Ltd  
EA Personnel: R24121320  
EA Personnel Name: LOH CHUAN LIANG ALOYSIUS

#LI-JACSG  
#countrysingapore

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会社説明