



Mechanical Design Engineer

Job Information

Recruiter
[ACS Japan](#)
Job ID

1503582

Industry

Automobile and Parts

Job Type

Permanent Full-time

Location

Miyagi Prefecture

Salary

Negotiable, based on experience

Refreshed

January 24th, 2025 00:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

High-School

Visa Status

Permission to work in Japan required

Job Description

Area: @Miyagi / Yamanashi / Hiroshima / Nagoya

【Responsibilities】

- Involvement in the design and development of cutting-edge equipment and associated parts and their evaluation and analysis.
- Engineer must engage in a wide range of tasks, from creating design drawings using **3D CAD** to mechanical analysis, experimentation, and verification of designed equipment, allowing for skill enhancement and comprehensive development as a mechanical engineer.
- 最先端の装置および関連部品の設計・開発、それらの評価・分析への従事。
- **3D CAD**を用いた設計図の作成から設計装置の機械的分析、実験・検証まで広範囲のタスクに従事し、機械技師としてスキルの強化を行い、包括的な開発を行うこと

【Job Descriptions】

- Design and drafting of mechanical parts for dry etching equipment's process chambers and associated units.
- Mechanical development design tasks, investigation and analysis of equipment functionality improvements, planning

and designing of evaluation products, experiments, evaluations, troubleshooting, support tasks such as creating BOMs, and document creation.

- ドライエッチング装置のプロセスチャンバーおよび関連するユニットの機械部品の設計および製図
 - 機械開発設計業務、装置の機能性改善の調査・分析、製品評価の立案・設計、実験、評価、トラブルシューティング、BOMの作成、文書作成のサポート
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Required Skills

【Must Have】

- Key Skills: Design, Modelling and Drafting
 - Industry Experience (5-8 Years): Automotive / Semiconductor / Mechanical Engineering
 - Practical experience in 2D CAD design/creation (more than 2 years)
 - Experience in not only routine tasks but also improvement and enhancement activities as an engineer.

 - 重要スキル：設計、モデリング、製図
 - 業界経験: 自動車/半導体/機械工学
 - **2D CAD設計/作成の実務経験(2年以上)**
 - エンジニアとして、通常のタスクだけでなく改善および機能強化業務の経験
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Company Description