



Wire Harness Design-Engineer

Job Information

Hiring Company

ZAMA Japan Kabushiki Kaisha

Subsidiary

ZAMA kabushiki Kaisha

Job ID

1571352

Division

Design Department

Industry

Machinery

Company Type

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

Non-Japanese Ratio

Majority Japanese

Job Type

Permanent Full-time

Location

Iwate Prefecture, Hachimantai-shi

Salary

5 million yen ~ 8 million yen

Work Hours

フレックスタイム制 コアタイム10:00-15:00

Holidays

年間休日124日

Refreshed

February 18th, 2026 09:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level (Amount Used: English usage about 75%)

Minimum Japanese Level

Basic

Minimum Education Level

Bachelor's Degree

Visa Status

No permission to work in Japan required

Job Description

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The ZAMA Group is a full-service supplier and a global market leader in fluid and fuel management systems, precision machined parts, and electrical and electro-mechanical solutions, with a legacy of operational excellence.

We are looking for a motivated Wire Harness Design Engineer to create and develop wire harnesses to join our team.

Your expertise will drive our success. Apply now!

Responsibilities

- Create and develop detailed wiring harness designs, including schematics and layout diagrams using CAD software (e.g., ZUKEN, Creo).
- Develop and maintain specifications and design standards for wiring harness design, including materials, connectors, terminals, and protective sleeves.
- Ensure that all designs comply with industry standards and regulations, such as IPC, IEC, and RoHS, while maintaining adherence to quality and safety guidelines.
- Evaluates alternative wiring harness materials and components and recommends most cost-effective solutions while fulfilling high quality standards.
- Leads design reviews and contributes to continuous improvement initiatives to enhance product performance and reduce costs.
- Analyze test data, identify potential risks and recommend design improvements to the development team.
- Work closely, remotely or on site via business trips, with an international engineering and manufacturing team to ensure seamless realization of wiring harnesses
- Collaborates with the Quality Assurance team to ensure compliance with industry standards, such as ISO, IPC, etc.

Required Skills

- Bachelor's degree in electrical engineering or mechanical engineering
- Minimum of 5 years of proven experience in designing wiring harnesses and related components.
- Proven successful project completion and product design from concept to production in previous employment.
- Analytical thinking, trouble shooting and problem-solving methodology
- Ability to work in cross-functional team environment
- Willingness to travel to Philippines
- Proficiency in wiring CAD software (ZUKEN E3, Creo, etc.)
- Advanced written and oral communication skills in English (TOEIC 750 and above)
- Proficiency in 3D routing CAD software is a plus (ZUKEN XVL studio WR, etc.)

Company Description