



## Field Electrical Engineer 現場電気技師

**New challenges, renewable energy.**

### Job Information

#### Hiring Company

[Delairco Japan](#)

#### Job ID

1589831

#### Industry

Electronics, Semiconductor

#### Company Type

Small/Medium Company (300 employees or less)

#### Non-Japanese Ratio

About half Japanese

#### Job Type

Permanent Full-time

#### Location

Tokyo - 23 Wards, Chiyoda-ku

#### Train Description

Chuo Line Local (Mitaka-Ochanomizu) Station

#### Salary

4 million yen ~ 6.5 million yen

#### Work Hours

9:30 to 6:30 (flexible hours are possible)

#### Refreshed

May 4th, 2026 00:00

### General Requirements

#### Minimum Experience Level

Over 3 years

#### Career Level

Mid Career

#### Minimum English Level

Basic (Amount Used: English usage about 25%)

#### Minimum Japanese Level

Business Level

#### Minimum Education Level

Technical/Vocational College

#### Visa Status

Permission to work in Japan required

### Job Description

### Company Overview

Delairco Japan KK provides technical solutions for projects across Japan and internationally. Our core areas of expertise

include:

- Weather and Hydrological Monitoring Systems (AWS, hydrology stations)
- Wind Resource Assessment Solutions (Met Masts, LiDAR systems)
- Custom Power Backup Systems (generator and renewable energy integration)

We are seeking a hands-on and detail-oriented **Field Electrical Engineer** to support the deployment, integration, testing, and maintenance of our systems.

### Key Responsibilities

#### Field Deployment & Commissioning

- Install, configure, and commission electrical and electronic systems at project sites (nationwide and occasional international travel)
- Perform system integration of sensors, communication devices, control units, and power systems
- Conduct site acceptance testing (SAT) and ensure systems meet performance requirements
- Troubleshoot and resolve on-site electrical, communication, and system-level issues

#### System Integration & Testing

- Support integration of COTS modules into complete system architectures (sensor, comms, control, power)
- Assist in factory acceptance testing (FAT) prior to deployment

#### Electrical Design Support

- Assist in schematic review, component selection, and system design improvements

#### Documentation & Compliance

- Prepare installation reports, test records, and maintenance documentation
- Provide feedback from field experience to improve design and product reliability

#### Collaboration

- Work closely with firmware, mechanical, and project teams for seamless system delivery
- Support client communication during installation, testing, and troubleshooting phases

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## Required Skills

### Qualifications

- 3+ years of experience in electrical engineering, field engineering, or system integration
- Strong hands-on skills with electrical systems, wiring, and instrumentation
- Experience with analog/mixed-signal circuits (ADCs, DACs, signal conditioning)
- Proficiency with test equipment
- Experience troubleshooting and root cause analysis in real-world environments
- Willingness to travel for fieldwork (domestic and occasional international)
- Strong documentation and communication skills

### Preferred:

- Bachelor's degree in Electrical Engineering
- Knowledge of power systems (battery, solar, generators)
- Japanese language ability (business level or higher)

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