

CYIENT

ATC - Testing and Commissioning Engineer

Job Information

Hiring Company

Cyient K.K.

Subsidiary

Cyient

Job ID

1486229

Industry

Electronics, Semiconductor

Job Type

Permanent Full-time

Location

Okayama Prefecture, Katsuta-gun Shoo-cho

Salary

Negotiable, based on experience

Refreshed

July 16th, 2024 14:48

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

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Support for the Development of Railway Safety Systems - Automatic Train Control Systems

Work Overview:

- **Development of Test Specification Creation Tools**
 - Using Excel VBA
- **System Testing**
 - Creation of test specifications
 - Conducting tests and summarizing test results
- **Support for Transmission Path Design**
 - Consideration using simulators
- **Construction of On-Site Testing Environment**
 - Cable connections, etc.

- **Support for Environmental Testing**
 - Coordination with test sites
 - Creation of test specifications
 - Test assistance
- **Support for On-Site Testing**
 - Review of test specifications
 - Selection of measuring instruments
 - Test assistance

Required Skills and Tools:

- **Languages:** VBA, Excel, Word
- **Tools:** SPICE (circuit simulator), MATLAB
- **Skills:**
 - Good communication skills as coordination with various departments and external parties is necessary.
 - Willingness to actively engage in unfamiliar tasks and a desire to acquire new skills and grow.
 - Basic knowledge of electrical circuits.
 - English proficiency: TOEIC score of around 300.
 - Japanese N3 and above if non native

Preferred Skills and Experience:

- Experience in fail-safe system design.
- Experience using electrical measuring instruments (oscilloscope, spectrum analyzer, FFT analyzer, etc.).
- Experience in electrical circuit design.
- Experience in environmental testing (EMC, vibration/shock, temperature, and humidity).

Company Description