



Electrical AIT Engineer

Unique opportunity in space industry

Job Information

Recruiter

PERSOL CAREER CO., LTD. (Bilingual Recruitment Solutions)

Hiring Company

Job-00272736

Job ID

1487258

Division

経理

Industry

Other

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7 million yen ~ 10 million yen

Holidays

National Holidays; 2 (weekend) per week

Refreshed

July 25th, 2024 19:37

General Requirements

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

Native

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Main responsibilities:

- Support the planning and management of the integration and verification activities of lunar lander spacecraft, its subsystems and payloads, overseeing their correct and timely execution
- Design procedures to guarantee safety and compliance with requirements, managing risks, schedule and costs, and incorporating lessons learnt from other company projects.
- Lead execution of procedures, training and supervising technicians and interfacing closely with QA department.
- Support definition of quality metrics and acceptance procedures and criteria
- Work closely with design engineering teams and give feedback to simplify processes and improve quality, guiding in

the field of best practices, standards, manufacturing and assembly techniques.

- Advise on detailed design standards and potential re-design requirements.
- Review specifications and design and provide judgement about quality and manufacturability
- Maintain spacecraft configuration during its build and testing and manage the logs of procedures execution according to planning.
- Support continuous improvement efforts for improving the effectiveness and leanness of our operations.
- Take responsibility for the non-conformance resolution process execution and completion of cause & corrective action efforts. Maintain a log of lessons learnt
- Support formulation of spacecraft test requirements, prepare testing documents and review supplier test and verification activities.
- Work closely with Software and Avionics teams for defining Functional Testing environment and Test Software requirements.
- Provide advice on the selection, integration and calibration of spacecraft instrumentation, including test measurement instrumentation, R&D instrumentation, and flight instrumentation. Support data acquisition system integration and set-up. Take ownership over EGSE operation and maintenance.

Required Skills

Minimum requirements:

- Bachelor or Master's degree in Electrical, Aerospace Engineering or equivalent
- 5+ years of experience in the integration and testing of complex and highly integrated systems
- Excellent interpersonal, organizational, and communication skills. Enthusiastic attitude and team player
- Hands-on experience in the development of hardware
- Experience writing test scripts.
- Be comfortable with an ever-changing and fast-paced environment with tight deadlines. Down-to-earth-thinker with ability to take decisions under stressful situations with limited information
- Working level in English

Preferred qualifications:

- Has experience with spacecraft integration and verification.
- Working level in Japanese language is a plus.
- Certification in different skills related to electrical integration like crimping or soldering.
- Background in design of Electrical Systems is favoured.

Company Description

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