



## **uSafeTek (Hong Kong) Company Limited**

Unit 1023, 10/F, 19W, Hong Kong Science Park West Avenue, Science Park, Shatin, N.T.

[www.usafetek.com](http://www.usafetek.com)

+852 9613 2670

August, 2020.

uSafeTek (Hong Kong) Company Limited is a start-up company with expertise in Advanced Thermal Conductive Materials, Heat Management and Artificial Intelligence. Our primary business focus is in the area of ultra-safe packing of rechargeable Lithium-ion batteries.

The Company is currently looking for an engineer to support our R&D activities in Heat Management and Battery Management System (BMS) for Lithium-ion batteries.

Job title: Development Engineer

Work hours: 40 hours per week, flexible hours

Work location: uSafeTek office or designated off-site locations such as Hong Kong Productivity Council or Hong Kong Science and Technology park facilities.

Employment: Permanent position

Job responsibilities:

1. Support in the research and development of Intelligent Non-flammable Lithium Battery Pack and other commercial products
2. Involve in the overall Product Development cycle from Product Definition to Final Product Release.
3. Provide specifications for components and electronic devices. Contribute in the selection of vendors and service providers.
4. Participate in the layout and fabrication of PCB to ensure design for quality (DFQ) and manufacturability (DFM).
5. In charge of evaluation, characterization, qualification, certification and production release of Lithium-ion battery products.
6. Will report to Manager, Product Development Department.

Requirements:

1. BS or MS in EE, ME, IE or Physics
2. 0-2 years working experience
3. Good understanding of engineering principles and basic electronic circuitry.
4. Working knowledge of test equipment such as oscilloscope, curve tracer, digital multimeter, thermal couples etc.
5. Experience in thermal management and thermal conductive materials highly desirable.
6. Familiarity with SOLIDWORKS, PTC Creo or other CAD tools a definite asset.
7. Willingness to learn and work independently with minimum supervision.

Remuneration:

Salary commensurate with experience and academic qualifications

Discretionary year-end bonus

Annual Leave 12 days

Medical Cover



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The Company is currently looking for an engineer to support our R&D activities in Heat Management and Battery Management System (BMS) for Lithium-ion batteries.

Job title: R&D Engineer

Work hours: 40 hours per week, flexible hours

Work location: uSafeTek office or designated off-site locations such as Hong Kong Productivity Council or Hong Kong Science and Technology Park facilities.

Employment: Permanent position

Job responsibilities:

1. Support in the research and development of Intelligent Non-flammable Lithium Battery Pack.
2. Research in advanced thermal sensors, A/D conversion, data collection and analysis.
3. Research in Microcontrollers and their selection for high reliability use. Develop codes to perform real time, large scale temperature monitor and control.
4. Involve in the design and fabrication of PCB to support the above activities.
5. Participate in the evaluation, characterization and qualification of Lithium-ion battery products.
6. Will report to Manager, R&D Department.

Requirements:

1. BS or MS in Electrical Engineering or Physics
2. 0-2 years working experience
3. Good understanding of engineering principles and electronic circuitry.
4. Working knowledge of test equipment such as oscilloscope, curve tracer, digital multimeter, thermal couples etc.
5. Willingness to learn and work independently with minimum supervision.

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