

JOB DESCRIPTION	
Position Title	: Product Development Engineer – Testing & Technical Validation

1. Basic Function

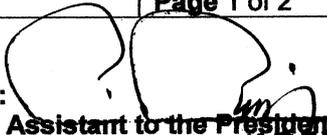
- 1.1 Perform functional testing, validation, and verification of procured air-conditioning, refrigeration, and non-air-conditioning products.
- 1.2 Ensure products meet company quality standards, safety requirements, and operational specifications.
- 1.3 Assist in drafting technical documentation and manuals based on testing results.
- 1.4 Research and evaluate product performance, including Wi-Fi and smart device integration, to support product reliability and user experience.

2. Reports To: Product Compliance Office – Assistant Supervisor

3. Duties and Responsibilities

- 3.1 Study and analyze procured products based on supplier specifications.
- 3.2 Conduct functionality and performance testing as required; document results and anomalies.
- 3.3 Create, verify and validate product manuals (owner’s, safety, installation, Wi-Fi, remote, etc.) for technical accuracy and safety.
- 3.4 Create or revise owners, WiFi, installation, and service manuals for new products according to safety and company standards.
- 3.5 Assist in creating product development sheets (PDS) by providing test-based inputs.
- 3.6 Support product orientation for Marketing, Sales, and Service teams by providing technical explanations based on testing.
- 3.7 Respond to technical inquiries from Sales, Service, and other departments regarding product performance.
- 3.8 Research trends in upcoming technologies and competitor products to inform product improvements.
- 3.9 Collaborate with Specification & Technology Engineer to ensure consistency between specifications and testing results.
- 3.10 Conduct supplier visits for product quality inspections when required.
- 3.11 Adhere to all company policies and procedures.
- 3.12 Perform other related duties and responsibilities as required.

4. Qualification Requirement

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Prepared by :  Research and Development Supervisor	Approved by :  Assistant to the President		

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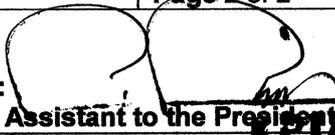
JOB DESCRIPTION

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- 4.1 Education:** Graduate of BS Mechanical Engineer

- 4.2 Experience:** Preferably at least 1-year experience in field of Refrigeration and Air-conditionings
Knowledge in Refrigeration and Air-conditionings
Computer literate in Microsoft excel, word and powerpoint

- 4.3 Training:** Strong analytical and problem-solving skills
Excellent in oral and written communication

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