

# HUSNA KHALILAH MOHD ALA'UYUN

## CURRICULUM VITAE

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019-2872192 – husnakhalilah@gmail.com

No 1. Jalan BB 6/4, Taman Banting Baru, 42700 Banting, Selangor

## PROFILE

Proficient Executive Engineer in facilities management industry with experience driving over several tenders and projects to completion. Skilled in overseeing technical maintenance staff, ensuring that projects are completed on schedule, within budget and according to specifications. Registered under Board of Engineers Malaysia (**BEM**).

## EXPERIENCE

### Malaysia Airports

Jan 2022 - Current

### Technical Services Executive

- Assist Business Development Manager in tender pricing in terms of technical aspects.
- Act as support and advice to Business Development team for tender participation.
- Perform on budget and estimation cost of material and facilities services of work based on market price.

### Malaysia Airports

(Stationed under Spirit Aerosystems Malaysia Sdn Bhd)

September 2020 - Jan 2022

### Executive Engineer (Facilities Management)

- Stationed under Spirit Aerosystems performing comprehensive facilities on operational & maintenance of mechanical and electrical works.
- Liaised with customers and management to deliver customer needs and advise appropriate solutions.
- Plan and scheduled priorities of maintenance activities. Prepared and verified engineering specifications, scopes of work, schedules of payments and other related documents.
- Perform purchasing of goods, materials, components, or services as per standard in line with specified cost, quality, and time.
- Perform purchase request, RFQ evaluation, and monitoring work progress until completion.
- Check and verified invoicing of work completion by contractors.
- Perform budget and cost estimation of materials, equipment's, and labour for a new project on feasibility.

## **Malaysia Airports**

Aug 2019 - September 2020

### **Technical & Project Engineer (Strategic Business Unit)**

- Liaised with customers and management to better understand customer needs and recommend appropriate solutions.
- Determined and scheduled priorities as required to progress engineering work. Prepared and reviewed engineering specifications, scopes of work, schedules of payments and other documents.
- Assist and advice project team in tender in terms of technical aspects.
- Procure of goods, materials, components, or services in line with specified cost, quality, and delivery targets
- Perform purchase request, RFQ evaluation, and monitoring the delivery of works until invoicing.
- Procured materials for maintenance and repair services using SAP system.
- Advise relevant departments on selection of material and supplier related to new projects and activities.
- Performing audit on building systems.
- Involved in energy audit by compiling list of recommended updates, including appliance upgrades, setting changes.
- Coordinate with superior in preparing annual budget.
- Analysed monthly balance sheet accounts for corporate reporting.

## **Malaysia Airports**

May 2018 - Aug 2019

### **Project and Reliability Engineer (KLIA2)**

- Conferred with engineers to investigate and solve failure issues.
- Documented meeting minutes and distributed to staff to facilitate follow-up and permanent record.
- Compiled and managed Instruments and scales are calibrated.
- Managed quality assurance program including on site evaluations, internal audits, and customer surveys.
- Managed technical staff in operational maintenance of klia2.
- Purchase goods, materials, components or services in line with specified cost, quality and delivery targets.
- Perform purchase request, RFQ evaluation, and monitoring the delivery of works until invoicing.
- Act as an interface between suppliers and other relevant departments on purchasing processes and new projects and activities.
- Prepared and reviewed engineering specifications, scopes of work, schedules of payments and other documents.
- Ensured that electrical works conformed to general specifications.
- Contributed to root cause analysis to determine core reason for failures and errors.
- Developed work scope for contracted projects, analysing received quotes and recommending preferred vendors.

## Coburg Consulting Sdn Bhd

July 2017 - Jan 2018

### Electrical Engineer

- Assist Project Manager on resolving any issues and problems arising during project execution.
- Advised on design, planning and implementation of electrical mainly on housing construction.
- Evaluated installed electrical equipment and systems to isolate faults and implement corrective actions.
- Implemented and approved design control procedures for electrical development in accordance with regulatory guidelines.
- Performed load calculation for sizing wire and circuit protection.
- Liaised with authorities for approval on design implemented.

## Amptech Engineering Sdn. Bhd

Jan 2016 > Aug 2016

### Electrical Engineer Intern

- Involved in renewable energy for 8 months in solar pv, biomass and biogas especially in solar PV industry.
- Liaised with authority on the solar PV specifications such as TNB RE and Suruhanjaya Tenaga.
- Conduct testing & Commissioning of the solar PV plant at various places in Malaysia.

## EDUCATION

May 2013 - May 2017

Bachelor (Hons) of Engineering: Electrical & Electronic Engineering  
*Universiti Teknologi PETRONAS.*

May 2012 - May 2013

Foundation: Electrical & Electronic Engineering  
*Universiti Teknologi PETRONAS.*

Jan 2010 - Dec 2011

SPM Level: High School  
*MARA Junior Science College Kepala Batas.*

Jan 2007 - Dec 2009

PMR Level: High School  
*SMK Darul Ehsan.*

## LANGUAGES

Malay: Native  
English: Superior.

## CERTIFICATES

- IMS INTERNAL AUDIT (ISO 9001, ISO 14001, ISO 45001 & ISO/IEC 27001)
- Lean Six Sigma Yellow Belt