



## NUR MOHD HAFIZ ASSA'AD BIN SUKIRMAN

### Contact Details

Address : No 3 OFF JALAN ABBAS, KAMPUNG PARIT KUDUS, 82000 PONTIAN,  
JOHOR DARUL TA'ZIM.  
Telephone No. : +6076861225  
Mobile No. : +60127670053  
Email : assa.ad5189@gmail.com

### Personal Particulars

Age : 32 years.  
Date of Birth : 12 January 1982  
Nationality : Malaysia  
Gender : Male  
Marital Status : Married  
IC No. : 820112-08-5189  
EPF No. : 15522504  
Passport No.(Expiry Date) : A20170295 (April 28,2014)

### Qualification

Bachelor of Engineering (Honours) (Industrial Electronic Engineering)  
UNIVERSITI MALAYSIA PERLIS (UniMAP)

Certificate Electronic Engineering (Communication)  
POLITEKNIK JOHOR BAHRU (PJB)

Sijil Pelajaran Malaysia (SPM)  
Penilaian Menengah Rendah (PMR)  
Sekolah Menengah Kebangsaan Dato' Penggawa Barat, Pontian, Johor

Ujian Penilaian Sekolah Rendah (UPSR)  
Sekolah Kebangsaan Parit Kudus, Pontian, Johor

## Experience

### Employment History

Company Name : Malaysian Coal Integrated Engineering Service Sdn. Bhd. (692994-K)  
Tanjung Bin Power Plant Site Office,  
Lot 1768 & 1770, 82300 Serkat, Pontian, Johor.  
Telephone No. : +607-6960688/+607-6960818  
Fax No. : +607-6960828  
Position Title : Site Engineer (Contract)  
Monthly Basic Salary : MYR 2500 + Allowance MYR 500  
Duration : September 3, 2012 – January 30, 2014

**Project Site :** Rikevita (Malaysia) Sdn. Bhd.  
No. 11, Jalan Bayu,  
Tampoi Industrial Estate,  
81200 Johor Bahru,  
Johor Darul Ta'zim,  
Malaysia.

#### **Civil and Structure Engineering:-**

Duration : September 13, 2013 – December 15, 2014

##### **Jobs Description :**

Dedicated Civil and Structure Engineering for application of the proposed plan Extension from Existing building Main Boiler Area (EMA-2) at factory Rikevita (M) Sdn. Bhd. Assisted with site all phase of Construction management duties. Coordinated scheduling of contractor and inspection. Determine the adequacy and strength of concrete, asphalt and steel foundations. Computed load, grade requirements and material stress factors. Write daily detailed reports logging work progress for quality assurance purposes. Consistently finishes project under budgets and ahead of schedule. Advise the Project Manager regarding construction material costs and quantity calculations.

#### **Mechanical and Electrical Engineering:-**

Duration : December 16, 2013 – January 30, 2014

##### **Jobs Description:**

Install Steam Boiler, Feed Water Tank, Steam Header, Deaerator Tank, Chimney at new concrete foundations. Extension building Main Boiler Area (EMA-2). Remove old Deaerator Tank to new steel platform. Remove panel/box Electrical and connection cable Deaerator Tank at extension building. Quotation about material pipe size, angle, flanges, bolt, nut, washer, gasket and reducer pipe. Mentor on design of piping steam systems and sedimentation control process. Design new route cable tray for new steam boiler and new deaerator tank.

**Project Site :** Jimah Power Plant  
JIMAH O&M SDN. BHD.  
PT 7308 & PT 7309, MUKIM JIMAH,  
P.O. Box 139, Pejabat Pos Port Dickson,  
71960 Port Dickson,  
Negeri Sembilan Darul Khusus

**Duration :** December 10, 2012 – September 12, 2013

**Work Description:** MCIE Projects Coal Handling System.

Responsible for technical activities for assigned Project of the service team daily maintenance works activities accordance to the JIMAH Operation & Maintenance requirement.

Coordination, communication & reporting to JIMAH Mechanical Engineer of daily service works activities, Preventive Maintenance and Corrective Maintenance.

Prepared the maintain and evaluate the services project specific documentation reports, inspection, and test plans FSI Feedback according to JIMAH requirement & acceptance.

Involved in several MCIE Projects which related to Static or Rotating Equipment Maintenance works.

Leads the MCIE Belt Cleaner Service Team provided maintenance works of the coal handling plant equipment or component such as Ship Unloader, Stacker Reclaimer

Performed Preventive Maintenance (PM) according to the manufacturer recommendation servicing interval to ensure all the maintained equipments meet to the operational requirement

Troubleshooting and performed corrective maintenance / modification on the machine and equipments due to operation priority and also as long time period improvement.

Familiar with Thyssenkrupp Ship Unloader and Stacker / Reclaimer main assembly and functional such as Bucket Elevator / Reclaimer, Rotary feeding Table, Main slewing Gear, Magnetic Separator and Travel Drive.

Familiar with various of coal handling drive unit such as Rexroth Hydraulic Power Packs System, Bubenzer Braking Unit and Lincoln Lubrication System.

Reporting to the Project Manager or any other authorized personnel, the Project Engineer is responsible to lead a group of Assistant Engineers, Supervisors and Sub-contractors to complete entrusted Projects within

schedule, allocated budget and given resources about Jimah Power Plant.

Solving engineering discrepancies and site problem

Evaluate and Certify Sub-contractors and suppliers' progress claim.

Assist the Project Manager to ensure timely submission and obtaining of approval for our claims from client.

Responsible for ensuring the accuracy of shop drawings, developing and producing specification in accordance to design intent, ensuring correct selection of materials and equipments.

Responsible for ensuring proper, accurate and correct documentation of all correspondences, emails daily progress reports, schedules drawings, contract documents etc with regards with this project.

**Project Site :** Kapar Energy Ventures Sdn Bhd,  
Sultan Salahuddin Abdul Aziz,  
Power Plant, Jalan Tok Muda,  
Locked Bag No. 220,  
42200 Kapar,  
Selangor Darul Ehsan.

**Duration :** September 3, 2012 – December 9, 2012

MCIE Project Engineer charge responsible to leads the Team for Long Term Sign Agreement (LTSA) / Service contract for Coal Handling Plant :-

- LTSA BELT SCRAPER SERVICES
- LTSA BELT LAYING
- LTSA BELT SCALE MAINTENANCES
- LTSA WIRE ROPE REPLACEMENT FOR CUL
- LTSA DRUM SCREEN CLEANING

Company Name : Pelepas-Brigantine Services Sdn. Bhd.(537918-P),  
PTP Free Trade Zone,  
Jalan Pelabuhan Tanjung Pelepas,  
81560 Gelang Patah, Johor

Telephone No. : +607-5071888  
Fax No. : +607-5041111  
Position Title : Junior Engineer  
Industry : Repair & Maintenance Services Various Engineering Jobs  
Duration : February 2, 2009 – April 30, 2012  
Monthly Basic Salary : MYR 2250  
Experience Level : Total 4 years of Experience

Work Description :

Lead and guide Breakdown Recovery Teams to deal with their job. Monitor advice and ensure all job are done properly, to achieve company and Tanjung Pelepas Port targets. Also part of Technical Support Team which involved in special project and corrective maintenance. Know about Electrical Maintenance Annual Contract (EMAC).

Lead testing and commissioning all equipment electrical, mechanical and structural all 11 Rubber Tired Gantry (RTGs crane) from Mitsui Engineering & Shipbuilding Co. LTD. A Rubber Tired Gantry (RTGs crane) is a mobile gantry crane used for stacking intermodal containers within the stacking areas of a container terminal. RTGs are used at container terminals and container storage yards to straddling multiple lanes of rail/road and container storage, or when maximum storage density in the container stack is desired. Site working procedure for commissioning test secondary wire check for replaced CT, Primary injection test for CT,VT,EVT and commissioning of power transformers. Briefing about discussion, Testing procedure and safety for Endurance Test RTGs for running 24 hours not stop running hours. Like to request operators for involving with the endurance session both day and night shift. Provide contact person and standby teams for monitoring and repairing and also testing procedure and guide line for endurance session. For yard planning give free space for endurance and final, I must write report after endurance session need to be submitted to Project Team port of Tanjung Pelepas.

Part of Organization Safety Committee, representing Yard Engineering Maintenance Department. Tasks among others are in-charge of preparing the Hazard Assessment and Investigation of Risk Analysis for department, involve in safety monthly meeting and channels department concern on safety and environmental issues. Briefly, my experiences are as below:

- Working with GE, Fuji and Siemens Drive System.
- Troubleshoot problems and do the repair jobs for AC-DC Drive System
- Dealing with hydraulic systems such as hydraulic pump system assembly, hydraulic torque motor, hydraulic cylinder, and directional valve.
- Experience with motor system assembly; include of calibration of coupling and gearbox system.
- Maintenance of electrical distribution system and its parts.
- Experience with engine system maintenance and repair jobs
- Working and understand the I/O communication system.

- Analyze daily breakdown report and taken necessary action to reduce repeated breakdown
- Represent Yard Engineering and Maintenance department to prepare standard operation procedure along with the Hazard Analysis Investigation and Risk Analysis (HAIRA).

i) Position Purpose:

- Plan, oversee and carry out the maintenance & repair, preventive maintenance and corrective maintenance of Rubber Tyre Gantry (RTG) crane in Port of Tanjung Pelepas.
- To train and upgrade the skill of its subordinates.
- Carry out assigned projects independently.

ii) General Areas of Responsibilities:

- Maintain & up-keep the good discipline of the department.
- Ensure all works carried out timely and in the most cost-effective way.
- Ensure all data related to the job carried out are keyed into the computer promptly.
- Control well of all costs spent in the department.
- Be a role model.

iii) Specific Areas of Responsibilities:

- Ensure all staff report duty punctually.
- Motivate and grow skill of subordinates.
- Report to superior for possible and foresee-able problems in the deployment of staff/subordinates and the performance of equipment under their charge/care/responsible.
- Co-ordinate with the other business unit in the group for timely deployment of work.
- Entertain and maintain good relationship with customers present in the responsible area.
- Know well of the activities and be prepared to take up the similar or higher capacity in the department.
- Perform project works/routine work as assigned.

iv) Measurements for Job Performance or Critical Success Factors:

- Mean Time Between Failures (MTBF), Mean Time To Repair (MTTR), Planned Maintenance Schedule Compliance (PMSC), Availability, Operational Breakdown Hours (OBH), Breakdown Respond Time (BRT), Safety and Maintenance Personal Development Plan (MPDP) figures.
- Customer complaints.
- Team efficiency.
- Personally agreed upon performance objectives.

v) Learning Opportunities in the Position:

- Learning of SAP/R3 (FACT)
- Training courses organized by Pelepas-Brigantine Services Sdn. Bhd.
- Other approved training programmer which could assist in the carrying out of own works.

vi) Specific Requirements for the Position:

- Familiar with GE (AC 2000/AC 2001) or Siemens (Siemens Simovert Master drive) Variable Speed Drive & Programmable Logic Controller (GE 9030 or Siemens S7).
- Familiar with Meccalte or Stamford generator preferred.
- Holder of valid driving license (preferably international license).
- Not afraid of height and willing to work outdoor.
- Willing to work shift.
- Good communication skills.
- Ability to speak & write in English and ability to speak Bahasa Malaysia is an added advantage.

Company Name : Sri Majuniaga Sdn. Bhd. (599221-D)  
 No. 56, Jalan Setia 11/1,  
 Taman Setia Indah,  
 81100 Johor Bahru,  
 Johor.  
 Telephone No. : +607-3597122  
 Position Title : Technician Contract.  
 Industry : Construction of other Engineering Project.  
 Duration : September 12, 2008 – December 30, 2008  
 Day Basic Salary : RM70 perday.  
 Experience Level : 4 Months because finish contract working.

Work Description :-

I worked as technician contract at this company. Working site at Pelabuhan Tanjung Pelepas (PTP). My working as service Quay crane electrical installation and erection at Pelabuhan Tanjung Pelepas (PTP). Industrial electrical installation, maintenance services, on-shore man power supplier for Shanghai Zhenhua Heavy Industries Company Limited (ZPMC) ([www.zpmc.com](http://www.zpmc.com)). Its main product include container cranes (QCs), rubber-tyred gantry crane (RTGs), bulk-material ship loaders and unloaders, bucket-wheel stackers and reclaimers, portal crane, floating cranes engineering vessels and large steel bridge structures.

Project Manager : Rentak Jitu Project Management Sdn. Bhd.  
 Project Site : TANJUNG BIN POWER PLANT SITE OFFICE LOT 1768 & 1770,  
 3 x 700MW Coal-Fired Power Plant Tanjung Bin,  
 82300 Serkat, Pontian, Johor.  
 Position Title : Trainee Industrial Training (6 months)  
 Specialization : Project, Constructions, Commissioning and Testing.  
 Duration : January 2, 2006 – June 30, 2006  
 Monthly Salary : MYR 600 (Allowances)

## Skills

(**Proficiency: Advanced** - Highly experienced; **Intermediate** - Familiar with all the basic functionalities; **Beginner** - Just started using or learning the skill)

Skill	Years	Proficiency
PLC (GE 90-30)	2	Intermediate
PLC (Siemens S7)	2	Intermediate
STEP 7-MicroWIN	1	Beginner

## Languages

(**Proficiency: 0=Poor - 10=Excellent**)

Language	Spoken	Written
Bahasa Malaysia	10	10
English	6	6

## Text Resume / Additional Info

### CAREER OBJECTIVE:

Seek a position as engineer or any suitable post in a corporation which offers a professional working environment and enabling me to grow while meeting the corporation's goals.

### STRENGTHS:

- 1) Can adapt well in a new environment.
- 2) Able to work on own initiative or as part of a team and can deal with administrative duties competently either in technical or non-technical aspect.

### OTHER EXPERIENCES:

- 1) Seminar on Wireless LAN and Bluetooth - It is a short course which i attend that introduces me on the WLAN and Bluetooth. During the course I have also been exposed to some of the latest invention on the antenna.
- 2) Seminar on the Fundamental of Programmable Logic Controller - It is a hands-on short course that introduces me to the fundamental of PLC, using Step 7-MicroWIN software. During the course, I built and run programme such as sequence control of an electro-pneumatic system.

### ADDITIONAL SKILLS:

- \* Proficient in Microsoft Office applications
- \* Able to use Matlab 7.0 , PSCAD, STEP 7-MicroWIN software and AUTOCAD software
- \* Have experience to deal with clients and customers

Expected Monthly Salary : RM 3000 (Negotiable)  
 Willing to Travel : Yes  
 Willing to Relocate : Yes  
 Possess Own Transport : Yes

### Job Preferences

The following gentlemen are prepared to furnish any information you might necessitates as to my personality and capability:-

- 1) Name : Mohamad Azmi Bin Jomri  
Position : Managing Director  
Email : m.azmi@mcie.com.my  
Company : Malaysian Coal Integrated Engineering Service Sdn Bhd  
No.20, Jalan Nilam 1/3, Taman Perindustrian Teknologi Tinggi Subang  
40000 Shah Alam, Selangor  
Malaysia  
Office Tel : +603-5611 4237  
Office Fax : +603-5635 4237  
Mobile : +6019-2864 555
  
- 2) Name : Dr. Mohd Fareq Bin Abd. Malek  
Email : [mfareq@unimap.edu.my](mailto:mfareq@unimap.edu.my) / [dean\\_elsys@unimap.edu.my](mailto:dean_elsys@unimap.edu.my)  
Tel No. : +604-9851431 / +604-9851526  
Position : DEAN, School of Electrical Systems Engineering.  
Universiti Malaysia Perlis (UniMap),  
Tingkat 1, Blok A, Kompleks Pusat Pengajian,  
Seberang Ramai, Taman Seberang Jaya, Fasa 3,  
02000 Kuala Perlis, Perlis.