



MOHD SHARIFUDIN BIN SAMSI

No. B-5-12A, Pangsapuri Palma
Jalan Palma Raja 3/KS6
Bandar Botanik, 41200
Klang, Selangor

Tel no : 017-7377806

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ENGINEER (Control & Instrumentation)

PERSONAL DETAILS

Age: 28

Nationality: Malaysian

Driving License: D & B2

PREFERENCE

Current salary : RM3000

Expected salary : RM3500 (Negotiable)

Preferred work location : Not Restricted Area

Willing to travel : Yes

Availability : Immediately (1 month notice)

WORK EXPERIENCES

Global Plant Control Automation (GPCA) Sdn. Bhd., Berjaya Park @ Tradepoint, Shah Alam, Selangor

Service Engineer (Control & Instrumentation)

March 2015 – Present

- Provide service, troubleshooting, preventive solution and training to customer regarding to engineering works in control and instrumentation scoop.

Project Involve:

Project: Kapar Energy Ventures, Unit 4 Turbine Drive Level Control System And Turbine Control Oil System Migration

- Migration Project from MHI system (Mitsubishi Heavy Industries) into Ovation DCS (Distributed Control System) from Emerson PWS (Power Water Solution).
- Project also involved in CPP (Condensate Polishing Plant) migration from GE FANUC PLC's into Ovation DCS.
- HP Bypass system migration from Allen Bradley PLC's into Ovation DCS.
- Migration of hydraulic oil system from low pressure AEH (Analog Electrohydraulic) to high pressure DEH (Digital Electrohydraulic).
- Combine two system of ABB Bailey Digital Control System and Emerson Ovation Digital Control System by using OPC.
- Standby personnel for 6 months after project completion.
- Project Value : MYR 8.9 Million

Project: Kapar Energy Ventures, Unit 4 Preparing Ovation Crisis Monitoring Static And Dynamic Pages

- Add Bailey DCS OPC Tags to Rovisys Server.
- Add Ovation DCS Tags to OPC Client Mapper.
- Create tag links for graphics navigation.

Project: Kapar Energy Ventures, Unit 5 Bailey OIC Console CPU Failure

- Troubleshoot OIC Console to identified problem
- Power toggle switch or the power supply unit may be damaged
- Existing CPU model is Dell Optiplex 960 SFF replace with HP ELITE 8000E

Project: Kapar Energy Ventures, Unit 6 Bailey INFI90 & MARK Vle Communication Interface Project

- Unit 6 Turbine Control System upgrading from GE MARK V Turbine Control to GE MARK Vle Turbine Control
- Change Bailey INFI90-MARK V communication interface (redundant PDG server) to redundant ModBus interface (Moxa MGate MB3180)

Project: Kapar Energy Ventures, U5 Simulator OIS42/OIC42 Consoles (DEC3000 PE32A Alpha Station) Not Function

- All consoles of OIC42 were not function and one of OIS42 was in service but offline
- SCSI interface to Bailey IMMCP02 CIU for OIS42 consoles were replaced with SCSI repeater from Previs.
- GPCA proposed replacement of the CPU with GPCA-OIS4x/ GPCA-OIC4x consoles (using IPC machines) and DEC3000 Charon emulation software.
- OIS42 and OIC42 machines were started up for functionality test and success

Project: Kapar Energy Ventures, Unit 3 PLC's Communication Failure and Power Failure

- Troubleshoot the system and found SLC5/05 in fault condition (failure on the power module)

LongLife Weld (KL) Sdn. Bhd., Taman Perindustrian OUG, Kuala Lumpur

Technical Engineer

July 2014 – March 2015

- Provide technical support to customer related to welding process using robot (KUKA KRC4) and cutting process using CNC Plasma Cutter.
- Involve in installation and servicing process of the robot (KUKA KRC4) and CNC Plasma Cutter

Project Involved:

Project: Installation of CNC Plasma Cutter (120A)

- **Client:** Jitra Padu Sdn. Bhd., Klang (SELANGOR)

Project: Installation and Setup of welding machine – AC/DC 250 and ECO 500

- **Client:** ADTEC Kemaman (TERENGGANU)

Project: Installation and Training of robot KUKA KRC4

- **Client:** Shaefer, Simpang Renggam (JOHOR)

Project: Setting demo unit for customer, KUKA KRC4

- **Client:** Kuka Robotics Malaysia, Puchong (SELANGOR)

Project: Installation of CNC Plasma Cutter (300A)

- **Client:** LTP Engineering, Ipoh (PERAK)

Project: Installation of CNC Plasma Cutter (200A)

- **Client:** SMH Rail, Rasa (SELANGOR)

Project: Installation and Training of KUKA KRC4 robots

- **Client:** PA Truck, Bukit Beruntung (SELANGOR)

Jana Tanmia (M) Sdn. Bhd., Shah Alam, Selangor
Intern Student
January 2013 – March 2013

TCME Engineering Service Sdn.Bhd, Subang Jaya, Selangor
Assistance Technician (part-time)
September 2013 – January 2014

Matrix Power Network Sdn. Bhd., Bandar Baru Bangi, Selangor
Operator wire (part-time)
June 2012 – August 2012

EDUCATIONAL BACKGROUND

Universiti Teknologi MARA (UiTM) Shah Alam, Selangor, Malaysia

- Bachelor of Engineering (Hons.) Electronics Engineering (Instrumentation)

Kolej Poly Tech Mara (KPTM) Kuantan, Pahang, Malaysia

- Associated with Universiti Teknologi MARA (UiTM)
- Diploma in Electrical Engineering Electronic

Certificate in Occupational Safety & Health Course (CONSIST College 2014)

Member of BEM (Board of Engineer Malaysia) as Graduate Engineer (2015)

SKILLS

- | | |
|---------------|---|
| • Computer | Familiar with Microsoft Office (Word, Excel, Power Point)
Adobe (Photoshop, Flash, Dreamweaver, Reader) |
| • Engineering | Wiring diagram, AutoCAD, PLC, C++, SCADA and Telemetry,
Ovation DCS, DBDOC, Rovisys OPC Data Access Server |
| • Language | Malay (Native), English (Secondary) |

COURSES ATTENDED & CURRICULAR ACTIVITIES

- Attended Safety and Health Officer (SHO) course by Construction and Industrial Safety Training Centre Sdn. Bhd. (CONSIST) – 2013
- Attended Construction Industry Development Board Malaysia (CIDB) Course - 2013
- Attended to SCADA course organized by Teknik Segala Sdn. Bhd (SCADA Course) - 2013
- Participated in IID-FKE (Invention, Innovation & Design – Faculty of Electrical Engineering) and won Silver Medal – 2013

REFERENCES

Name : Mr. Hanif Bin Hussin
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Name : Mr. Wafiuddin Ibrahim
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