**AHMAD MARWAN B. AHMAD KAMAL**

**Johor, Malaysia**

Dear Sir/Madam/Mr./Ms.,

**Application for Electrical & Instrument Inspector OR Ex Inspector (Certified IECEx)**

Dedicate to enhancing family socio-economy thru inspection activity. With all my respect, I wish to apply for the above position.

Intensively involve in life plant and new-built supervising and inspections experiences consist of Electrical and Instrument installation, piping cathodic protection system and Hazardous Area installation inspection.

Currently, I am working as Electrical & Instrument Inspector for Toyo Engineering & Construction Sdn. Bhd. Massively involve in all aspects during project execution such as project management, team supervision, inspection, design review and technical proposal including Electrical and Instrument and project’s specification for client.

As a fast learner, dedicated and energetic, I am really hoping where you can consider for my job application. I am available to attend interview at your convenience.

Thank you.

Best Regards,

**AHMAD MARWAN B. AHMAD KAMAL**

+6013-3719991 (WhatsApp/Telegram Enabled)

Enclosed: Comprehensive Curricular Vitae

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**AHMAD MARWAN B AHMAD KAMAL**

**JOHOR, MALAYSIA**

**PHONE NO: +6013-3719991**

**EMAIL : marwan\_178@yahoo.com**

**AGE : 35 YEAR OLD**

**SPECIFIC TECHNICAL/SPECIALIST COURSES**

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* IECEx Certification Personnel Competence For Explosive Atmosphere **#IECEx CP SRM16.0013**
* BOSET - Basic Offshore Safety Induction & Emergency Training **#M-B 517522/13** (Valid until Dec 2017)
* Permit To Work (PTW) Training - Murphy Oil Corp
* Occupational First Aid Training
* Instrument Calibration Course #20110276
* Go-CCMS Super User Course (Handover System Certification)
* PIMSPS Omega Super User Course (Handover System Certification)
* CIDB Green Card Course **#2134621** (Valid until June 2020)

**EDUCATION BACKGROUND**

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* Universiti Teknologi Mara - Bachelor in Electrical Engineering (Power) - 2004-2007 - CGPA: 2.94
* Universiti Teknologi Mara - Diploma in Electrical Engineering (Power) - 2001-2004 - CGPA: 2.86

**CAREER OBJECTIVE**

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A self-motivated as Ex Inspector, CCMS Electrical Engineer, QAQC Electrical & Instrument Inspector with 9 years of experience in the field construction of electrical/instrument cathodic protection system installation, inspection, pre-commissioning, completion and system handover of oil & gas project for onshore & offshore.

Seeking for a challenging job as Ex Inspector (Certified IECEx), E&I Inspector, Mechanical Completion Inspector or CCMS Electrical Engineer (Administrator) or any job that suitable with my working experience and my academic qualification, where I can excel, deliver and achieve my potential.

**WORKING EXPERIENCES**

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1. **PMC Management Consultant Sdn. Bhd. (May 2016 – Expired July 2017)**

**Last position:** QA/QC Inspector (Electrical & Instrument)

**Project Involved:** RAPID Project Package No 5: EPCC of Steam Cracker Complex – RAPID PMC

(Owner: PRPC Refinery and Cracker Sdn. Bhd.)

**Job Responsibilities:**

1. Witness Sub-contractor inspection and testing for all Electrical installation for Substation such as smoke detector, cable ladder support and cable ladder installation, earthing main grid for building, etc.
2. Witness Sub-contractor inspection and for cable ladder support and cable ladder/tray installation during dress-up column.
3. Responsible to confirm that Sub-contractor discuss about quality issue during Morning Tool Box Talk.
4. Responsible to ensure Sub-Contractor conduct the training for Sub-Contractor worker during raining day (Raining Day Training Day)
5. Witness Sub-Contractor/Vendor training of Quality Induction and Craft Worker Proficiency respective to Electrical Discipline such as Electrician and Cathodic Protection Installer.
6. Awareness to workers and implementing Petronas and safety regulation according to 10 Zero Tolerance (ZETO) Rules during performing tasks.
7. Review Sub-Contractor documentation such as Equipment of Calibration Certificate, RFIN Log Sheet, Proficiency Craft Worker Register and Inspection Summaries by weekly basis.
8. Ensure Sub-Contractor conduct Mock-Up for Masterpiece Report for every first installation of Electrical work.
9. Witness Sub-contractor inspection and testing for Earthing Plate installation at re-bar of Pipe Rack and Equipment Foundation, Pedestal Column and Concrete Footing of Substation Building before and after pour concrete.
10. Witness Sub-contractor inspection and testing for Cathodic Protection (CP) installation for Underground Piping Cooling Water System such as MMO Sock Anode, Magnesium Anode, Coupon Anode, Reference Electrode and Transformer Rectifier
11. Conduct Surveillance Inspection or Weekly Quality Walkdown at SCC Process area by daily basis and issue the Surveillance Report to Sub-Contractor if have any findings
12. Responsible check updated status of QCMS Database after QCF sign-off
13. **EXS Synergy Sdn. Bhd. (February 2016 – May 2016)**

**Last position:** Ex Inspector

* **Type of Inspection:** Periodic Inspection (Visual & Close)

**Project Involved:** KIKEH DTU SPAR (Murphy Oil Corporation)

* **Type of Inspection:** Periodic Inspection (Visual & Close)

**Project Involved:** FPSO KIKEH (SBM Offshore)

**Job Responsibilities:**

1. Responsible to prepare Permit To Work (PTW) and Job Safety Analysis (JSA) for inspection activity.
2. Responsible to prepare and identify test equipment and tool required to perform the inspection activities
3. Responsible to prepare engineering drawing, Certificate of Conformity (COC), Hazardous Area Classification (HAC) drawing and Gas Group & Temperature Class drawing as a reference during perform inspection
4. Responsible to ensure Ex equipment or component inspection is accurately recorded during inspection activity.
5. Responsible to coordinate with Client Representative on site or work coordination
6. Perform Visual Inspection and Close Inspection Grade for E&I apparatus based on IEC60079 Part 17
7. Responsible to prepare List of Outstanding Work to present to Client Representative or Plant Owner
8. Prepare inspection report complete with recommendations, corrective actions and advisory notes as necessary based on findings during inspection.
9. Prepare and compile ExITR (Ex Checksheet) complete with supporting document attachment before submit to Client Representative.
10. Prepare Daily Progress Report for Management review
11. **A STAR Testing & Inspection (M) Sdn. Bhd. (September 2015 – February 2016)**

**Last position: QA/QC Inspector (Electrical & Instrument)**

**Project Involved:** RAPID Project Package No 5: EPCC of Steam Cracker Complex – RAPID PMC

(Owner: PRPC Refinery and Cracker Sdn. Bhd.)

**Job Responsibilities:**

1. Responsible to confirm that Sub-contractor discuss about quality issue during Morning Tool Box Talk.
2. Responsible to prepare Electrical and Instrument Inspection & Test Plan (ITP) for approval.
3. Responsible to ensure Sub-Contractor conduct the training for Sub-Contractor worker during raining day (Raining Day Training Day)
4. Witness Sub-Contractor/Vendor training of Quality Induction and Craft Worker Proficiency respective to Electrical Discipline such as Electrician and Cathodic Protection Installer.
5. Review Sub-Contractor documentation such as Equipment of Calibration Certificate, RFIN Log Sheet, Proficiency Craft Worker Register and Inspection Summaries by weekly basis.
6. Ensure Sub-Contractor conduct Mock-Up for Masterpiece Report for every first installation of Electrical work.
7. Witness Sub-contractor inspection and tesitng for Earthing Plate installation at re-bar of Pipe Rack and Equipment Foundation, Pedestal Column and Concrete Footing of Substation Building before and after pour concrete.
8. Witness Sub-contractor inspection and testing for Cathodic Protection (CP) installation for Underground Piping Cooling Water System such as MMO Sock Anode, Magnesium Anode, Coupon Anode, Reference Electrode and Transformer Rectifier
9. Conduct Surveillance Inspection or Weekly Quality Walkdown at SCC Process area by daily basis and issue the Surveillance Report to Sub-Contractor if have any findings.
10. Witness Sub-contractor inspection and testing for Electrical installation at TOYO Temporary Office (TCF) and TOYO Workers Camp at CDC Area.
11. Responsible to operation and maintenance of TCF TOYO Office Generator Set daily basis.
12. Responsible check updated status of QCMS Database after QCF sign-off
13. **Altotegas Sdn. Bhd. (Jul 2015 – Aug 2015)**

**Last position: QC Inspector (Electrical)**

**Project Involved:** SK316 NC3 Gas Development Project – Petronas Carigali Sdn. Bhd.

**Job Responsibilities:**

Altotegas Sdn. Bhd. – Manpower Supply agency that supply additional manpower of QC Inspector to Technip-MMHE Joint Venture (TMJV) company for SK316 NC3 Gas Development Project to expedite inspection and ITR-A sign-off

1. To carry out Insulation Resistance and Continuity Test for lighting cable to ensure the cable contact from core to core and core to ground.
2. Perform Inspection for Lighting Fixtures to ensure the installation to follow design and specification
3. Responsible to raised punchlist and punchlist close-out prior to issue the Discipline Acceptance Certificate (DAC).
4. Mark-up drawing for any changes at site.

1. **Kencana Pinewell Sdn. Bhd. (Jan 2015 – Jun 2015)**

**Last position**: E&I Inspector

**Project Involved:** OFFSHORE: TAPIS-C Enhance Oil Recovery (EOR) Project – Exxonmobil

**Job Responsibilities:**

1. Identify and mark-up system demarcation by sub-system for all discipline.
2. Prepare, review and update comprehensive check-sheets overview by system and sub-system and assigned ITR-A for each installed equipment
3. Inspection Material Receiving for E&I Ex material or equipment as per Purchase Order (P.O), Delivery Order (D.O), datasheet and drawings
4. Familiar with Ex Standard, Ex certification and Ex marking for example Exd, Exde, Exe and Exi
5. Updated work progress and completion with latest drawings and information.
6. Maintain records of and report on all construction, pre-commissioning, commissioning and handover activities necessary to achieve successful facility completion.
7. Familiarized with 3 Step Inspection for all Ex equipment installation or material. (Visual, Detail and Closed Inspection)
8. Familiarized with inspection of equipment installation at Zone 0, Zone 1 and Zone 2 Hazardous Area Classification.
9. Witness calibration activity for equipment such as Level Transmitter, Flow Transmitter and Pressure Transmitter.
10. Familiarized with inspection of equipment based on Hazardous Location Category (Cat1, Cat2 and Cat3)
11. Inspect equipment IP Rating, Temperature Class Rating are suitable for area Classification.
12. Inspect Ex i Instrument JB such as cable gland tightening, blank plug or breather and IP washer installation.
13. Familiar with inspection cable gland (Exd Brass) and gland barrier
14. Inspect Ex Electrical equipment for example Lighting Fixture (Ex n) Electric Motor (Ex de), Socket Outlet / Remote Control Unit / Push Button (Exe) and Electrical Jb (Ex d)
15. To carry out Fit Up, Visual Inspection for all support and equipment support. i.e : Cable Ladder support, Plinth panel support, equipment stand.
16. Inspect Ex d Enclosure free from damage and flame path surface
17. Inspect Ex equipment for Fire and Gas, Telecomm, Instrument Sensor and Valve.
18. **TH Heavy Engineering Fabrication Sdn. Bhd. (Nov 2012 – Dec 2014)**

**Last position:** CCMS Electrical Engineer (Completion Certification Management System)

**Project Involved:** D12 (D12DR-A) WHP Project – Sarawak Shell Berhad

Laila (LADR-A) WHP Project – Sarawak Shell Berhad

EPCC of PERMAS Field Development Project – Murphy Oil Corporation

**Job Responsibilities:**

TH Heavy Engineering Fabrication Sdn Bhd - Heavy engineering industry principally in the fabrication of offshore steel structures and the provision of other related offshore oil and gas engineering services in Malaysia.

1. Implementation of GoCCMS / PIMPS Omega Database – Project Administration
2. Identify and mark-up system demarcation by sub-system.
3. Prepare, review and update comprehensive check-sheets overview by system and sub-system and assigned ITR-A and ITR-B for each installed equipment accordingly.
4. Segregate and identification for all ITRs onshore and offshore.
5. Devise a systematic process and procedure for work progress reporting and tracking of construction mechanical completion, pre - commissioning and commissioning work progress and completion on system basis.
6. Credited / scanned into GoCCMS / PIMPS Omega for construction, pre-commissioning and commissioning check-sheets.
7. Updated work progress and completion with latest drawings and information.
8. Maintain records of and report on all construction, pre-commissioning, commissioning and handover activities necessary to achieve successful facility completion.
9. Line check for construction progress to issue related ITR-A, ITR-B, DAC (Discipline Accepted Certificate), CCC (Construction Completion Certificate) & MCC (Mechanical Completion Certificate)
10. Compilation of documentation package, preparation of manual, procedures, punch list, check-sheets and completion database for construction, pre-commissioning and commissioning.
11. **Malaysia Marine & Heavy Engineering Sdn. Bhd. (Mac 2011 – Oct 2012)**

**Last position:** E&I QA Inspector

**Project Involved:** Gumusut - Kakap Semi-FPS Project - MISC/Shell

**Job Responsibilities:**

Malaysia Marine & Heavy Engineering Sdn Bhd - Formerly known as Malaysia Shipyard & Engineering - FPSO/FSO

Conversion, Turret Fabrication, Oil & Gas Construction and LNG Carrier & Petroleum Tanker Repair.

1. Supervised the inspection and monitoring quality of work, product and equipment functionality to compliant client requirement by testing and measuring representing MMHE Electrical & Instrument (E&I) discipline.
2. Responsible in inspection on construction and installation of Electrical, Instrument, Systems of Fire and Gas, Telecommunication Systems/PAGA, and CCTV.
3. Responsible in inspection on construction/installation of the terminal electrical power distribution systems & electrical equipments
4. Responsible for monitoring and inspection the Instrument Installation, cable pulling/glanding/termination, and continuity/insulation resistance test.
5. Monitoring, raise, follow up, cleared and closed all Inspection Test Reports (ITR) and the punch list which is outstanding and made accomplishment with progress result.
6. To carry out Fit Up, Visual Inspection for all support and equipment support. i.e : Cable Ladder support, Plinth panel support, equipment stand.
7. To carry out Insulation and Continuity Test for cable to ensure the cable contact from core to core and core to ground.
8. To carry out Test Insulation resistance of winding for Motor from Line to ground.
9. Liaise with client site representative, subcontractors, and vendors.
10. Detailed checks on the components/ equipment are correct as per vendor or client and project design specifications.
11. **Carimin Engineering Services Sdn. Bhd. (Nov 2010 – Feb 2011)**

**Last position:** E & I QC Inspector

**Project Involved:** OFFSHORE: BOA-Mercury Removal Unit (MRU) Hook-Up & Commissioning Project – Talisman

Malaysia Limited

**Job Responsibilities:**

1. Detailed checks on the components/ equipment are correct as per vendor or client and project design specifications.
2. Demonstrate to the client the operation of equipment or system that completed as per approved procedure to complete the check sheets or test report.
3. Completion of construction, pre-commissioning and commissioning check sheets and test reports.
4. Do the inspection with client’s inspector to completed check sheet overview.
5. Mark-up drawing for any changes at site.
6. Line-Walk with the client’s inspector before handover the completed system to the operation site.
7. **PFCE\_CG Sdn Bhd (Oct 2009 – Oct 2010)**

**Last position:** QC Instrument Inspector

**Project Involved:** Cili Padi F23R-A Project – Sarawak Shell Berhad

**Job Responsibilities:**

1. Perform the Fit-Up and Visual inspection with client’s inspector at workshop and site activities.
2. Perform in-house inspection and prepare check sheet for Instrument devices and Instrument cable.
3. Prepare Red-Line Marking Drawing for any changes as per construction.
4. Monitoring, Raise, Follow up, cleared and closed all Inspection Test Reports (ITR) and the punch list which is outstanding and made accomplishment with progress result.
5. Monitoring and rectify all punch list.
6. **Carimin Engineering Services Sdn. Bhd. (Jan 2009 – Sept 2009)**

**Last position:** E&I QC Inspector

**Project Involved:** OFFSHORE: BOA & BRA Complex Hook-Up & Commissioning Project - Talisman Malaysia Limited

**Job Responsibilities:**

1. Assist Supervisor to do the JSA and PTW for next construction and testing activities.
2. Prepare check sheet and perform inspection for Instrument and Electrical system.
3. Prepared all check sheets and monitor construction and pre-commissioning work.
4. Familiar with Layout, Termination and P&ID drawing (Equipment Layout, Single Line Diagram, Block Diagram and Wiring Diagram)
5. **Ramunia Fabricator Sdn Bhd (Feb 2008 – Dec 2008)**

**Last position:** Electrician

**Project Involved:** OFFSHORE: BOA & BRA Complex Hook-Up & Commissioning Project - Talisman Malaysia Limited

**Job Responsibilities:**

1. Perform the glanding and termination on Junction Box and Panel Box. Pulling, glanding/dressing instrument cable and power cable.
2. Assist Instrument Fitter to pre-run tubing for any instrument and support welding for electrical and instrument equipment.
3. Do IR & Continuity test c/w reports for Instrument & Power cable. To perform Bubble Test to detect leaking in Fusible Plug Loop.

**SKILLS & PROFICIENCIES**

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* **Language Skills:**

1. Good command of Bahasa Melayu.
2. Good command of English

* **Computer Skills:**

1. Microsoft Office (Word, Excel & PowerPoint)
2. Implemented Software Completion Management System - PIMPS Omega & Go-CCMS

* **Others Skills & Strength:**

1. Able to adapt any changes in life and can work in a team with people of different background.
2. Possess leadership, professional qualities and generic skills.
3. Can understand and document project requirements and dependencies.
4. Ability to manage multiple projects simultaneously and under pressure.

**REFERENCES**

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* Mr. Zainor Rashid - Lead Commissioning Engineer - THE Sdn Bhd - (+6019-9151486)
* Mr. Zulyadi Omar - CSR - Talisman Malaysia Limited - (+6016-6365115)

**JOB PREFERENCES**

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* Expectation basic salary - RM 12,000/month
* Willing to travel/relocate - Yes
* Date of availability – 1 Month Notice

**THE END**