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**Singapore E.P Holder: G6196240P (**under **Aspen Resources Pte. Ltd.)**

**SUMMARY OF WORKING EXPERIENCES:**

Over twenty years of working experience in Electrical, Instrumentation & Telecom in the Oil & Gas, Petrochemical and other Industrial projects onshore & offshore, Module fabrication, Integration & Hook-up stages. Extensive knowledge in industrial applications of Process Plant Instruments in Installation & Inspection, Preservation, Construction & Mechanical Completion, Commissioning of different Systems & Sub-systems. Troubleshooting and Calibration using the latest and standard test equipment. These are gained from Refinery & Petro-Chemical, FPSO’s, Oil & Gas Production Platforms (Greenfield & Brownfield), Oil & Gas Drilling Rig Platforms, Pipeline Booster Stations &Under Ground Oil Depots. Knowledgeable in the international industry standards for the Hazardous Area Classifications & Verifications according to zones, special installation requirements, protection types, grounding systems & gland selection. CompEx Certified since 2007 & holder of a valid (2017-2022) **CompEx Certificate # 62809 (Preparation, Installation & Inspection Course on Electrical Apparatus used in Potentially Explosives Atmospheres ).** Experienced in the use of RFID Tagging & Inspection Systems (**InspectEx by Arnlea and SafeEx System).**

**Educational Attainment:**

***Bachelor of Science in Electronics & Communications Engineering***

**Date Graduated**: ***March 1991***

**University: *University of the East (Manila, PHILIPPINES)***

**TRAININGS & SEMINARS:**

* **PREPARATION, INSTALLATION & INSPECTION COURSE** on Electrical Equipment in Hazardous Areas: Nov. 20-24, 2017 conducted by K2 Specialist Pte Ltd., Singapore.

**CompEx Certificate Number: 62809**

**Issued: 24 November 2017 valid for 5 years**

* **SafeExSystem (RFID Tagging & Inspections)**

**Maersk Culzean Platform Project** - 05-06 June 2017

* **International Minimum Industry Safety Training with Permit To Work for Shell Philippines Exploration, B.V.**

Dec. 15-18, 2014 @ Clark Philippines

* **Working @ Heights**

Aug. 7, 2014 @ K2 Specialist Services Pte Ltd, Singapore

* **Basic Offshore Safety Induction & Emergency Training (B.O.S.I.E.T)** – Jan. 27- 29, 2014 Conducted @ MSTS Asia (Singapore) Pty. Ltd. Singapore
* **RFID Tagging & InspectEx inspections**

24 Oct 2013

Superintendent’s Office Building, Keppel Tuas Shipyard – Singapore

* **Safe Use of Electrical Equipment in Hazardous Locations in Accordance with IEC-60079**

Asab GASCO – Abu Dhabi, UAE (Cert. # 4134)

**Working Experiences:**

1. **CLIENT: *ATEC Inspection & Certification Services Pte. Ltd.***

**COMPANY: *Aspen Resources Pte. Ltd.***

**PROJECT: Maersk Culzean Platform Project**

**LOCATION: Sembawang Shipyard –Singapore**

**SLP Hamilton Dock – Lowestoft, UK**

**POSITION: ATEX Compliance Inspector – 02 May 2017 – present**

**JOB SUMMARY:**

Involved in the review/verification of ATEX Registers for different Systems & Sub-Systems against equipment Atex Certificates, Datasheets and other available details. Prepare and finalize other attributes that are required for the PIMS 360 Atex Register Database.

Conduct field inspections of Atex Certified E & I equipment in the Process Modules, Cranes & Gas Turbines using paperless SafeEx System to complete the required ITR’s.

Verify and correct, when necessary, Inspectors’ activities through System checking as a Supervisor.

Actively participate in the company’s safety implementation and performance program.

**2. CLIENT: *Yinson Productions Pte. Ltd.***

**COMPANY: *Brunel (Onshore Scope)***

***Aspen Resources Pte. Ltd. (Offshore Scope)***

**PROJECT: FPSO John Agyekum Kufuor (Ghana OCTP Development Project)**

**LOCATION: Batam, Indonesia and Keppel Shipyard –Singapore and Offshore Ghana**

**POSITION: ATEX Compliance Inspector / Lead Instrument Technician – 01 Apr. 2016 – 14 Apr. 2017**

**JOB SUMMARY:**

Monitor, verify & assist the Contractor to successfully implement its approved Quality Plan, ITP’s & control procedures to ensure the Electrical, Instrumentation & Telecom equipment installed meet all specification and requirements during Modules’ construction stages.

Act as client representative during inspections prior to signing & acceptance of all discipline ITR A in parallel with the contractor’s inspectors. Participate in the Tri-Party Walk-downs ensuring the company standards are met before the Modules’ load out.

Lead a number of Junior Technicians in the pre-commissioning of loops in the Packages and UCP’s for the MP/LP, HP, Gas Injection & Water Injection Compressors.

Coordinate with the vendors & different disciplines to have a smooth functional testing of sub-systems.

Actively participate in the company’s safety implementation and performance program.

**3**. **CLIENT: *Shell Philippines Exploration B.V***

**COMPANY: *Brunel Technical Phils.***

**PROJECT: Depletion Compression Platform (Malampaya Phase 2 & 3)**

**LOCATION: Keppel Shipyard – Subic Philippines & Offshore Palawan**

**POSITION: E & I QA/QC ATEX Inspector - 08 Sept. 2014 – 20 July 2015**

**JOB SUMMARY:**

Monitor, verify& assist the Contractor to successfully implement its approved Quality Plan, ITP’s & control procedures to ensure the Electrical, Instrumentation & Telecom equipment and materials supplied to and installed meet all specification and statutory requirements

Generate punch lists to identified non-conformances, tracked & closed out after rectifications are done.

Actively participate in the company’s safety implementation and performance program.

**4.** **CLIENT: *SBM (Single Buoy Moorings)***

**COMPANY: *Air Energi Singapore***

**PROJECT: N’Goma FPSO**

**LOCATION: Keppel Shipyard – Tuas, Singapore & Angola**

**POSITION: ATEX Compliance Inspector - 14 Jan. 2013 – 21 July 2014**

**JOB SUMMARY:**

Overseing the installation of ‘Ex’ certified items during the construction of modules in the fabrication yards. Ensure the contractors adhere with the IEC 60079 & company standards by providing technical expertise to site teams to avoid /resolve ‘Ex’ & quality issues. Generate punch lists to identified non-conformances, tracked & closed out after rectifications are done.

Perform detailed inspections & do remedial action when warranted to ensure the installation requirements are met. Help in populating the ‘Ex’ registers by providing the details through the use of RFID tagging & handheld inspection device

& filled-out ITR sheets.

Actively participate in the company’s safety implementation and performance program.

**5. CLIENT: *K2 Specialist Services Pte. Ltd.***

**COMPANY: *OGRE Pte. Ltd.***

**PROJECT: Doo Sung Drilling Rig**

**LOCATION: Offshore Malaysia**

**POSITION: ATEX E & I Technician – Oct. 2012 – Nov. 2012**

**JOB SUMMARY:**

Installation & Commissioning of Electrical & Instrument equipment on hazardous locations (Mud Pit Room, Shaker House, Mud Process Room & Drill Floor, Moonpool & Pump Room) for the upgrading of its electrical system.

**6. CLIENT: *SBM Offshore***

**COMPANY: *ATEC Inspection & Certification Services /OGRE Pte. Ltd.***

**PROJECT: FPSO Cidade de Anchieta**

**LOCATION: Keppel Shipyard, SINGAPORE& on Towing to Brazil**

**POSITION: ATEX Compliance Inspector – 2 June 2012 – 17 July 2012**

**JOB SUMMARY:**

Inspections of Electrical& Instrument equipment on hazardous locations (Topsides, Turret & Pump Room) such as Lighting, Junction Boxes, Motors, Electrical Panelboards& etc.

Filling-out check sheets for each equipment inspected. Doing remedial works on punch listed items & signing off ITR’s.

**7. CLIENT: *EXXONMOBIL***

**COMPANY: *KENTZ Engineers & Constructors***

**PROJECT: ExxonMobil Chemical**

**Singapore Parallel Train**

**Olefins Recovery Project**

**LOCATION: Jurong Island, SINGAPORE**

**POSITION: Sr. Instrument Technician – 27 Jan 2012 – 31 May 2012**

**JOB SUMMARY:**

Acts as company’s (Shaw Stone & Webster Asia, Inc.) representative in witnessing sub-contactor’s loop-checking activities if it conforms to client’s procedures & requirementsas stated in loop folders. Helps sub-contactor’s punch clearing activities & advises in resolving technical issues. Responsible for guidance & verification & inspection of the E & I scope, monitor field construction activities to ensure design requirements are met.

**8. CLIENT: *ADNOC***

**COMPANY: *Training Development & Delivery (TDD Ltd.)***

**PROJECT: GASCO - Asab NGL Plant**

**LOCATION: Abu Dhabi, United Arab Emirates**

**POSITION: ATEX Compliance Inspector – August 1, 2011 – Oct. 31, 2011**

**JOB SUMMARY:**

Carry out inspection and verification activities on Instrument &Electrical equipment if it conforms to IEC standards according to Hazardous Area Classifications. Helps in populating the register for the company’s records of installed equipment, status, raise non-conformityissues & suggests rectification to improve the quality & safety of the plant.

**9. CLIENT*: Woodside Energy Ltd.***

**COMPANY: *Austen Maritime Services***

**PROJECT: FPSO Okha**

**LOCATION: Keppel Shipyard - Singapore**

**POSITION: I & C Inspector Nov. 29, 2010 – June 17, 2011**

**JOB SUMMARY:**

Acts as client’s representative in witnessing pre-commissioning & commissioning of Fire &Gas System, Cause & Effects, Commissioning Test Procedures of different system & Sub- Systems for Marine & Topsides. Ensure & verify if checksheets are properly performed according to procedures & helps in the implementation of company’s HSEQ policy.

**10. CLIENT: *Maersk FPSO’s***

**COMPANY: *Wartsila Singapore Pte. Ltd*.**

**PROJECT: Maersk FPSO Peregrino**

**LOCATION: Keppel Shipyard - Singapore**

**POSITION: Instrument (F & G) Commissioning Tech’n. July 9 – Nov. 14, 2010**

**JOB SUMMARY:**

Perform pre-commissioning and commissioning activities on Process Instrumentations on Topside Modules & Marine and acted as DCS Boardman in the testing of Fire & Gas System.

**11. CLIENT: *Weatherford***

**COMPANY: *Supply Oilfield Services***

**PROJECT: NIDO PETROLEUM (Commissioning & Start-up)**

**LOCATION: Offshore Palawan, PHILIPPINES**

**POSITION: Electrical & Instrument Inspector April ‘10 - June. ‘10**

**JOB SUMMARY:**

Inspection & verification of Electrical and Instrument if appropriate for area classifications, integrity of enclosure, special installation requirements as identified in certificate. Filling-out of ITR sheets for Electrical and Instrument mechanical completion. Generate punch list items found not in conformance to the ITR check sheets and client’s specifications. Signing off cleared punch- listed items after rectification. Validation of installed items with respect to P&ID, ILD, Block Diagram and as Built drawing. Involved in the commissioning activities of electrical & instrument control system.

**12. CLIENT: *Tanker Pacific Offshore Terminals***

**COMPANY:  *Wartsila Singapore***

**PROJECT: MONATARA VENTURE FPSO (Commissioning)**

**LOCATION: Jurong Shipyard, SINGAPORE**

**POSITION: Sr. Instrument Commissioning Tech. 15 Sept. ’08 - 31 Dec. ‘09**

**JOB SUMMARY:**

Review technical drawings (P & ID’s, Termination & Equipment Lay-out drawings) relevant to execution of pre-commissioning & commissioning. Perform preservation on Instruments & Electrical equipment, inspection activities to verify if Company’s Specifications & Standards were met & properly implemented, generate Punch Lists according to categories & ITR type during system walk-downs. Verification and signing off rectified issues raised as punch list. Loop testing & simulation using standard test equipment. Check integrity & reliability of Process Control Systems, Process Shut Downs & Emergency Shut Downs during Cause & Effects and Dynamic tests on Topside Module instrumentation. Execution of Commissioning Test Procedures for different systems including the Fire & Gas and Fire Suppression Systems (Deluge Valves & Foam). Promote and comply with the Project Health, Safety and Environmental Policies and Procedures and encourage compliance by others.

1. **CLIENT: *Total Upstream Nigeria Ltd. /***

**COMPANY: *Brunel Energy Singapore Ltd.***

**PROJECT: AKPO FPSO Project (Commissioning)**

**LOCATION: HHI Shipyard - Offshore & Engineering Division**

**Ulsan, South Korea**

**POSITION: Electrical & Instrument Inspector**- 16 Apr. ’08 to 23 June ‘08

**JOB SUMMARY:**

Perform inspection activities & generate non-compliance reports for activities & materials found not in conformance with specified requirements. On behalf of client, acts as witness during functional testing if required applicable ITP’s &FTP’s are adhered & implemented.

1. **CLIENT: *AMEC Oil & Gas Europe***

**COMPANY: *VPeople UK***

**PROJECT:** Conoco Phillips’ **BRIDGE LINKED PLATFORM (Commissioning)**

**LOCATION: North Sea Offshore- Aberdeen, Scotland, U.K**

**POSITION: Instrument Commissioning Technician** - Oct. ’07 to Mar. ’08

**JOB SUMMARY:**

Carry out daily inspection tasks (prior to pre-commissioning) on Electrical & Instrument apparatus if it comply to IEC 60079 standards as per work-packages & execute activities in accordance with defined work procedures & quality, health & safety requirements. Submit reports regarding the status of the instruments if it satisfies all the company’s requirements & standards based on the installation & hook–up drawings and check sheets. Execute commissioning of Instruments and Fire & Gas on scheduled loops as per job package. Participate in the execution of the cause & effect testing of the PSD & ESD systems.

**15. COMPANY*: ABV Rock Group KB***

**PROJECTS: SAUDI Armco’s Largest Oil Depots (Construction & Commissioning)**

**LOCATION: Site 3 - Buraida, K.S.A**

**POSITION: Electrical & Instrument Technician**. - 01 Mar. 2006 to 30 June 2007

**LOCATION: Site 7 - Medina, K.S.A**

**POSITION: Electrical & Instrument Technician** - 08 June 2005 to 28 Feb. 2006

**LOCATION: Site 6 - Abha, K.S.A**

**POSITION: Electrical & Instrument Tech*.*** – 18 Mar. 2001 to 07 June 2005

**JOB SUMMARY:**

Perform routine installation works including preservation (construction stage) on instruments, electrical equipment & its associated apparatus as specified & directed by the Electrical & Instrument Lead including installations of Fire &Gas and Junction Boxes, Audio & Visual Alarms, Lighting Fixtures, Panel Boards, MarshalingCabinets & Remote I/O Cabinets, installation & termination of Process Instruments, Cable Pulling, termination of Power & Control cables.

Carry out inspection & testing activities as part of the pre-com group (commissioning stage) as defined in the work packs such as Loop Testing (hot & cold), verification of instruments & electrical apparatus including Fire & Gas System (DE-TRONICS Multi-spectrum IR Flame Detectors)if it met against company and international standards during tri-party walk downs and generate non-conformance reports found non-compliant as specified in the drawings & data sheets, signs off rectified punch lists.

**16**. **COMPANY: *Riyadh Water & Sewage Authority***

**PROJECT: Waste Water Treatment Plant (Operation & Maintenance)**

**LOCATION: Riyadh, Kingdom of Saudi Arabia**

**POSITIONS*:* Instrument Technician** – 04 Nov. 1995 to 29 Nov. 2000

**Wireless Radio Technician** – 07 June 19994 to 03 Nov. 1995

**JOB SUMMARY:**

Carry out planned maintenance in accordance with the requirements of the maintenance system, assisting with the coordination of the spare parts requirement & the optimization of spares stock levels. Fault finding & rectification of instrumentation & communications systems & minimizing downtime, hence, contributing to the achievement of smooth operation of the plant.

**17. COMPANY: *Northeast Mineral Resources Inc.***

**PROJECT: Aggregates Crushing Plant (Operation & Maintenance)**

**LOCATION: Norzagaray, Bulacan – PHILIPPINES**

**POSITION*: Instrument Technician* -** Nov. 1991 to May 19994

**JOB SUMMARY:**

Performs routine troubleshooting & fault rectification, repair & maintenance work on mostly conventional instrumentation system & electrical equipment. Rewinding and preventive maintenance tasks on motors & its controls to ensure a minimal downtime that could affect the operation.