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Professional Summary

I'm a highly skilled Electromechanical (degree registered under Brazilian CREA. Regional Engineering Council) specialized as Ex Inspector by CompEx since 2015 with a remarkable history of Successful implementation of Ex systems in several vessels around the globe. I am self-motivated and highly committed in every aspect of my profession. Throughout my career, I have been involved with many colleagues, clients and skilled professionals which have contributed and guided me to be a highly confident and efficient worker. I have extensive knowledge of commissioning, testing, maintenance, fault finding and installations. I am determined well organized and very confident in every aspect of my profession which reflects the on the standard and quality that I produce within given Targets and timelines, I also consider myself as a very approachable person. Many years of experience make me a competent candidate for any employer.

I am capable to provide the solution for HEAR (Hazardous Area Equipment Register) Ex survey and thermographer survey using of spreadsheet or my personal software 'Alpistar' compatible with RFID, Cade bar and NFC. I can also provide the Thermal Infrared Camera and Android rugged IP 68 PDA.

During my career I worked directly with inspection at the hazardous area in Brazil and overseas, have full knowledge of different standards and procedures from several countries, deep knowledge of 60079-series, capable of working with low or no supervision deal with Targets and timelines, completely capable of start an Ex project from scratch providing for the company all paperwork necessary as Work Procedure, Method Statement, Standards, Certificates of Equipment and a reliable software to produce high standard reports.

Certification and college background

- *Electromechanical – degree registered under Brazilian CREA (Regional Engineering Council)
- *Maintenance electrician I - ABRAMAM-Brazil
- *Electrical Inspector course N1- Petrobras-Brazil
- *Electrical installations in explosive atmosphere, Cemal-Brazil
- *Acknowledgement in Explosive Atmospheres competency unit EX-001 - ABENDI-Brazil
- *Competency Certification for Electrotechnical, Level 4, CompEx® (Singapore)
- *Infrared Thermographer, Level 2, Institute of infrared thermography (Singapore)
- *Rope access N1, ABENDI-Brazil
- *Rope access L2 since 2015, IRATA International and Brazil (3100+ Work hours)
- *Certificate of drug and alcohol, EMA PTE LTD (Singapore)
- *Diving & Offshore Medicine, EMA Pte (Singapore)
- *Rig Access, Skill Grid (Houston)
- *BOSIET, MIST Norwegian Skyscape, Medical, Pass, Falck Safety Services (US)
- *Seaman's Record Book, The Bahamas Maritime Authority (Singapore)
- *THUET, Falck Safety Services-Brazil
- *HUET WEST GROUP-Brazil
- *CBSP Salvatem WEST GROUP-Brazil
- *NR10,33,34,35 WEST GROUP-Brazil
- *H2s Specialist – (Dammam, Saud Arabia)
- *Brazilian passport holder with b1/b2 American VISA up to 2022

Language
English (Fluent), Spanish (intermediary), Portuguese (Native)

Acknowledge in NDT inspections.

Lifting Gear / Drops objects / Ultrasonic Testing / Visual Testing / Penetrant Testing / Magnetic Particle Testing (I am able to carry out the survey and create reports)

Career History

Ex Supervisor- Rope Access L II / Megarme - Saudi Arabia / April 2017 to September 2017

Subject Matter Expert for Hazardous area equipment and inspection in accordance with international standards IEC 60079.
Responsible for the successful development of the E&I department of Megarme along with assisting in the business development of existing operations.
Responsible for overseeing a team of technicians on various inspection and installation projects.
Responsible for the implementation of systems of work and procedures to ensure the smooth flow of work and efficiency of the department.
Responsible for managing a team of technicians and inspectors on work sites based in Saudi. Managing on-site side of projects whilst maximizing efficiency to ensure project timelines, ahead of the implementation of the Comaea system (RFID inspection software) and administrator,
Responsible for analysis and feedback direct to client technical leads.

Ex Supervisor / Rope access Level II – Snepco/Shell-Nigeria, In the following project:

FPSO BONGA – Out 2016 – Feb 2017

Working with 6 RAT team to carry out detailed EX inspections/remedial work during the "turnaround" was updated the existing database and the Grid reference at STB and PORT side in Subsea module.

Ex Supervisor / Rope access Level II - K2 Specialist Services-Singapore, in following projects:

Siem Helix, Multi-purpose ship SH-1, Holland x Brazil, Offshore

Aug – Set 2016 - Supervise a team to carry out detailed Ex inspection and remedial work, during the navigation to Brazil. Some of this work involved the use of rope access methods.

BWO, FPSO Polvo - Brazil, Offshore

July 2016 - Supervise a team to carry out NR10 (Brazilian Standard) inspections on a FPSO. Create an Ex register and follow BWO's reporting system. Produce a daily detailed report and compile inspection records to help update a Nr10 register.

BWO, FPSO Peregrine - Brazil, Offshore

May 2016 - Supervise a small team to carry out Ex and Nr10 (Brazilian Standard) inspections, doing the remedial work as requested by the contractor. This work involves the use of rope access methods. Produce a daily detailed report and complete an Ex and Nr10 register using the database.

Seadrill, West Titania Jack-up rig – Gulf of Mexico, Offshore

Mar – April 2016 – Work as part of a small team to carry out Ex inspections on a Jack up rig. Create an Ex register using the SafeEx system. Research ESD systems to verify equipment to be included in the survey. Provide training to the rig crew on how to use the safeEx register/PDA.

Seadrill, West Intrepid Jack-up rig – Gulf of Mexico, Offshore

Jan - Mar 2016 – Work as part of a small team to carry out Ex inspections on a Jack up rig using the SafeEx system. Create an Ex register/dossier and Report all non-conformances. Research ESD systems to verify equipment to be included in the survey. Provide training to the rig crew on how to use the safeEx register/PDA.

Seadrill, West Oberon Jack-up rig - Jurong Shipyard – Singapura

Dec 2015 – Supervise a small team to carry out detailed Ex inspections/remedial work. Some of this work involved the use of rope access methods. I also had to Attend meetings, complete permits, create an Ex register, produce a non-conformance report and daily/weekly progress reports.

BWO, FPSO P-63 - Brazil, Offshore

Nov 2015 - Work as part of a small team to carry out detailed EX inspections/remedial work whilst at the shipyard.

Working in close proximity to another shipyard works. Some of this work involved the use of rope access methods. Produce a daily detailed report and compile inspection records to help compile an Ex register.

E&I Supervisor and Thermographer, Rope access Level II – For ship Engineering, In the following project:

FPSO P-58 – PETROBRAS – Offshore - Brazil

May 2015 – Sep 2015 - On this project I was involved in the upgrading of the accommodation blocks and galley area (deconstruct/construct) covering all aspects of electrical wiring and testing operations whilst working closely with shift supervisor and electrical foreman discussing targets and the planning of work to be done on a day to day basis. I was responsible for the Installation of fire and gas detection in the accommodation.

E&I Thermographer, Rope access Level I at UTC Engenharia S.A, Offshore – Brazil Jun 2014 - May 2015

Carried out Pre-commissioning/Commissioning of all electrical controls and equipment for the turbine control panels, generator control panel. circuits 11KV/6.6KV and 460v low voltage switchboards, marking and updating system files Redline/As-Built drawings. Carried out DC pressure tests on each HV and LV vacuum circuit breakers, using of HiPot tester. Carried out thermal tests on: protective circuits, protective relays, auxiliary relays, control systems, alarm circuits. Assisted with start-up procedures. Created punch lists and compiled all relevant sheets. Attended progress meetings on a daily basis. During my time at UTC, I've worked in the Brazilian rigs from PETROBRAS: PCH1 / PCH2, PNA1, PCE2 and P20

Electrical Tech - RM Mendonça – Offshore, Brazil

Electrician 2010 – 2014

Maintenance, measurements, and tests of equipment industrial process plant. Working in zones 1 and 2, Performing diagnostic and installation of equipment. Applying measurement techniques and Assessment. Specifying instruments and coordinating teams for installation, assembly, and maintenance. Preparing projects, running and installing control and automation systems. Planning, analyzing and inspecting electrical equipment.

Electromechanical Technician - HRW Construtora – Onshore, Brazil 2006 – 2010

Preventive and corrective maintenance on cranes, Installation, and maintenance of nearby sensors inductive and capacitive, Sensor Linear Laser positioning system, Infrared data transmission, wireless communication system, Assembly Automation systems, cabling and distribution, CCTV, electronic doors and control of access.