VANILSON PEREIRA SANTOS   
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Age: 44 years

OBJECTIVE:

Position in the Electric / Electronic engineering field.

PERFIL PROFISSIONA

Twenty one years of experience in maintenance and operating of nuclear and thermoelectric power plants.

EDUCATION:

MBA in Maintenance Engineering – UFRJ - March /07 to June/08.

Electric Engineering specialized in electronics - CEFET / RJ – 2006.

Electrical Technician - CEFET / RJ – 1995.

PROFESSIONAL BACKGROUND

Modec International LLC

Period: May/2012 up to Jan/2018

Position: RPE – Responsible Person Electrical – Electrical Supervisor

Responsible for the main system module/emergency platform power generation: gas turbines and Diesel generators;

Responsible for carrying out the procedures for restoring the energy platform in the event of a blackout (shutdown);

Responsible for locking and unlocking of the electrical equipment on board, safeguarding the integrity of any service being performed;

Execution of daily planning of services to be performed by field technicians’ service planning Software: AMOS;

Elaboration of Work permissions;

Reading and interpretation of technical manuals in English and Portuguese.

Responsible for purchase requisitions of spare parts electrical-electronics materials;

Monitoring of contracted services on the platform;

Monitoring and technical support of predictive, preventive and corrective maintenance of all electrical equipment consumer electronics platform such as : gas turbines, generators, Diesel engines, electrical panels, PLCs, Soft-Starts, Crane, electric motors, lighting system, cooling system, among other systems and equipment required for full operation of the platform;

Report daily, in English, all data found in the field for maintenance Superintendent.

Certification of electrical equipment and installations according to the NR-10.

Ex equipment inspection according to IEC-60079-17.

Thyssenkrupp-CSA

Period: July/2008 to April/2012

Position: Technician in Energy/ Control room operator of the power plant

The operator tasks are:

- Inspecting and reading in all areas designated by operating procedures.

- Commissioning supervision and quality control in electrical, mechanical and electronic equipments.

- Operation of a water demineralization station, gas turbine (Alstom GT11N2 and GE LM 6000), steam turbine (SIEMENS), boiler system, air quality monitoring system, natural gas compression system, chemicals injection system, receiving and storage of chemicals.   
- Planning and executing operation, electric maintenance and I&C procedures.

SFE - Sociedade Fluminense de Energia

Period: May / 2001 to July/2008

Position: Instrumentation & Control Technician / Thermoelectric Operator (LM6000 turbine and its auxiliary systems, High Voltage Substation, Air Quality Monitoring).   
The Thermoelectric operator performs daily tasks and procedures for the proper functioning of the turbine and its auxiliary systems.   
The Instrumentation Technician performs calibration, checking and maintenance of valves, pressure transmitters, flow transmitters, level transmitters, RTDs and other equipment. Corrective and preventive maintenance of circuit breakers, switchgear, transformers, battery chargers and motors. Configuration of relays from the substation during the commissioning of the same, like 500 REB, REF, REL and ALSTOM (Micon) and maintenance of UHF radio communication.

Eletrobrás Termonuclear

Period: January/97 to April/2001

Position: Electromechanical Maintenance   
              Operator of nuclear power plant (steam turbine and its auxiliary systems, Water Treatment Plant, Boiler and Water Demineralization Station).   
  
Positions held:   
The electromechanical performs preventive and corrective maintenance on various equipment and electrical and mechanical components such as relays, breakers and PVO GVO, tests diodes, transformers and motors. The operator performs starts and stops according to the operating procedures of the plant and the needs of each system.   
Took part in the work ​​supervision area, commissioning and testing of equipment and electrical, mechanical and electronic components, quality control of equipment and materials used and the quality of maintenance service performed.   
The operator performs various tasks, such as:   
- Inspection, exercises and readings in all areas designated by operating procedures.   
- Daily, weekly, monthly and annual tests of the safety equipment for the plant.

LANGUAGES:

Intermediate English   
Technical English (reading).

TECHNICAL TRAINING:

MAN’s Gas Compressor MAN

ALSTOM’s Gas Turbine operation ALSTOM

Control systems – EGATROL. ALSTOM

Steam turbine control system – ALSPA 320. ALSTOM

Maintenance and programming of CLP course (RS logix 500) Allen Bradley .

Relays ABB e Alston configuration course

Maintenance and configuration of radio UHF KF KF

Gas turbine GE - LM6000 Enron / SFE

Angra 2 Steam Turbines & Generator Systems Eletronuclear S.A 1998.

Angra 2 System Operation Auxiliary Furnas S.A 1997.

Nuclears Power Systems Furnas S. A 1997.

Nuclear Equipments Furnas S. A 1997.

Vanilson Pereira Santos

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