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## Professional Experience

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01/2013 – till date

### Third Engineer in DOF Brasil in Brazil

**(Offshore – Skandi Santos) – 02/2014 – till date**

**(Offshore – Skandi Mogster) – 09/2013 – 02/2014 -**

**(Offshore – Skandi Fluminense) – 01/2013 – 08/2013**

- **Key activities**

- Perform activities to ensure compliance with International and National Laws and Standards by filling of Oil Record Book, Sewage Record Book and Engine Log Book;
- Daily and Monthly Management of consumption, production and receipt: Diesel Oil, Lubricating Oil, Water, Chemicals, Oily Waste, Consumables and Spares Parts;
- Management of Engine Room on DP Class 3 Vessel regarding to their equipment (such as, but not limited to: diesel engines, generators, thrusters, boiler, pumps, compressors, centrifugal separators, air conditioning systems, refrigeration systems, compressed air systems, water production systems, sewage treatment systems and oil purification systems) as well as ensure their operability, safe navigation and operation;
- Monitoring and control equipment operating factors through supervisory and on site;
- Perform the operation of equipment as well as act on bus-bar through the supervisory and on site;
- Assistance to 1st Engineer, Electrician and Fitter in the maintenance of Engine Room Equipment;
- Predictive Maintenance: Collect samples of Lubricating Oil Systems and Vibration Data for further analysis at an external service provider. Collect water samples and analysis (Engine Room 's Cooling water systems).
- Participation on Bunkering Operations;
- Participation on Ship maneuvers;
- Actuation in emergency training in according to emergency plan and specific procedures.
- All activities in according to Safety guidelines such as use of PPE, issue work permit, tool box talk meetings and risk assessment.

- **Software used**

- Microsoft Office Package (including MS Project), Primavera, TM Master, IBM Notes, DocMap Marine Suite.

09/2011 – 03/2012

### **Subsea Industrial Engineer in Aker Solutions in Rio das Ostras/RJ - Brazil**

- **Key activities**

**Developed Activities:** Activities related to External Preventive for Xmas Tree Tools for Subsea Oil & Gas Industry

- Damage Report;
- Routing;
- Bill of Material;
- Factory Accept Testing and Check List Procedures.

- **Software used**

- Solidworks, Autocad, Microsoft Office Package (including MS Project), Primavera, SAP R3, MS outlook.

09/2010 – 09/2011

### **Planning Engineer in Aker Solutions in Rio das Ostras/RJ - Brazil**

- **Key activities**

**Developed Activities:** Activities related to planning Repair Equipment and Tools for Subsea Oil & Gas Industry

- Delivery Schedule;
- Weekly Works Report to Petrobrás;
- Production Schedule;
- Pending Control of Anomaly;
- Management Delivery and Billing;
- Materials in Repair and Spare Parts Control;
- P Oil Equipment and Tools Control;
- Load Capacity of Manufacturing;
- Action Plans;
- Performance Indicators (KPI's);
- Business Review.
- Master Production Schedule.

- **Software used**

- Microsoft Office Package (including MS Project), Primavera, SAP R3, MS outlook.

12/2009 – 09/2010

### **Trainee Engineer in Aker Solutions in Curitiba/PR - Brazil**

- **Key activities**

- **Developed Activities:** 2009/10 Trainee Program - 10 Months
- 10 months of practical training in the Execution, engineering and project managing areas.
- 38 hours of technical trainings (Manifold, Christmas Tree, controls systems, pumping systems).
- 108 hours of software training (SolidWorks, Autocad and SAP)
- 36 hours of behavioral trainings (focused on Aker values and professional development).
- 8 hours of E-learning: Just Care, HSE Risk Assessment, Project Management, TPM.

- **Software used**

- Solidworks, Autocad, Microsoft Office Package (including MS Project), Primavera, SAP R3, MS outlook.

**Intern in JPTE Engineering in Joinville/SC - Brazil**

- Key activities
  - Developed Activities:** Execution of technical studies, industrial projects, preparation and updating of technical plans for Transpetro - Petrobras Transportes, located in São Francisco do Sul - Santa Catarina as Project Leader.
  - Welded Steel Tanks for petroleum and derivatives: calculation of thickness of shell, roof and bottom plates, calculation of safety devices, selection of foam chambers, datasheets (TEDUC);
  - Calculations of pipe flexibility and Analysis of cavitation to pump petroleum, petroleum products and water; pumping and storage systems; effects of frictional forces and expansion on limit stops, guides and anchors, including displacements of pipes on supports as well as air pressure systems (TEMIRIM, TEDUC and TEFRAN);
  - Development of Descriptive and Calculation Memorials, Datasheets, List of Lines, List of Materials, Cost Estimate, Technical Advice;
  - Engineering study of maximum pumping flow at steel tanks storage for TEPAR, inbreathing (vacuum relief) and outbreathing (pressure relief).
  - Fire fighting systems (TEFRAN, TEPAR and TEDUC);
  - Pump cavitation analysis (TEPAR);
  - Knowledge of technical standards: API, PETROBRÁS, ASME, NFPA, BS, NBR.
- Software used:
  - Solidworks, Autocad, SAP R3, Epanet, Caepipe, Ftool, Flexpipe, Caesar II, Ansys e PV Elite.

## Education

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12/2016 – 09/2018

**University Cândido Mendes, Campos dos Goytacazes/RJ**

- Post-Graduation Lato Sensu in Safety Engineering

04/2012 – 08/2013

**Merchant Navy School (EFOMM), Rio de Janeiro/RJ**

- Adapting for Third Engineer Officer – ASOM 2012.01

05/2011 – 10/2012

**Catholic University of Petrópolis (UCP), Macaé/RJ**

- Post-Graduation Lato Sensu in Oil & Gas Engineering

07/2004 – 08/2009

**University of Santa Catarina State (UDESC), Joinville/SC**

- Bachelor's in Mechanical Engineering

## Software Skills

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- Solidworks (beginner);
- Autocad (beginner);
- SAP R3 (experienced);
- Epanet (beginner);
- Caepipe (experienced);
- Ftool (experienced);
- Flexpipe, Caesar II (beginner);
- Ansys (beginner);

- PV Elite(beginner);
- TM Master (experienced);

## Languages Known

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- Portuguese – Muttersprache
- Englisch – C2
- Deutsch – A2

## Skills and training

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### Qualifications:

- Certificate of Competency Model DPC-1031. STCW Rules: III/1 – III/3 – VI/1 – VI/2 – VI/3 – VI/4 – VI/5 – VI/6
- Brazilian Mechanical Engineer License
- Brazilian Safety Engineer License

### Certificates Model DPC-1034:

- TBS – Basic Instruction in Personal Survival, Fire Fighting, First Aid, Personal Safety and Social Responsibilities
- ECIA – Advanced Fire Fighting Special Course
- EESS – Survival Craft and Rescue Boats Special Course
- EERR – Fast Rescue Boats Special Course
- EPSM – Medical First Aid Special Course
- EOPN – Ship Security Officer Course
- HPGM – Professional Skills on Engine Room Resource Management
- HPAV 1 – Professional Skills for Operations with High Voltage Installations

### Other Certificates:

- Dynamic Positioning K-Pos Maintenance Course (Kongsberg)
- TM Master V2 Integrated System Training (DOF Brasil)
- HUET – Helicopter Underwater Escape Training (Falck Safety Services)
- NR11 (20h) – Cargo Handling (Maersk Training)
- NR17 (20h) – Ergonomic (ABERGO)
- NR20 (16h) – Liquid fuels and flammables (Maersk Training)
- NR33 (40h) – Entry Supervisor in Confined Spaces Training (Falck Safety Services)
- NR33 (8h) – Periodical Refreshment Training of Work in Confined Spaces for Authorized Entrants, Watchmen and Supervisors (ICN)
- NR33 – Rescue Operations in Confined Space (Maersk Training)
- NR34 – Admission Training (Maersk Training)
- NR34 – Basic Hot Work Fire Watch Course (Maersk Training)
- NR35 – Work At Heights (ICN)
- NR35 – Rescue At Heights (ICN)
- Wire Rope Inspection and Maintenance NBR ISO 4309 (8h – Highbras)
- Refreshment of Survival at Sea and Fire Fighting Techniques (Falck Safety Services)

## **Courses and Projects:**

- Participation in the XIX BRAZILIAN ERGONOMIC CONGRESS - APRIL 2019 - ABERGO
- Ergonomic Risk Management (4h) - Brazilian Ergonomics Association - ABERGO
- Industrial Ergonomics - Process and Production (4h) - Brazilian Association of Ergonomics - ABERGO
- Performance of ergonomist in industry times 4.0 (4h) - Brazilian Association of Ergonomics – ABERGO
- Subsea Systems Technical Training (Subsea Xmas-Tree, Subsea Manifold, Control Systems, Subsea Pumping Systems) (38h) - Aker Solutions
- Behavioral Training: Leadership (10h) – Aker Solutions / Light Up HD
- Behavioral Training: Teamwork (10h) – Aker Solutions / Light Up HD
- Behavioral Training: Effective Presentations (8h) – Aker Solutions / Light Up HD
- Behavioral Training: Advanced Negotiations (8h) – Aker Solutions / Light Up HD
- Production Planning and Control (40h) - Research, Education and Technology Institute - IPETEC
- Basic Project Management Course (40h) - Research, Education and Technology Institute - IPETEC