

KARTHIK SUNDARA

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Profile Summary

- **Qualified B.E. (Mechanical Engineering)** with **over 7 years of experience** in installation & maintenance of hydraulic & pneumatic equipment's & systems.
- Expertise in troubleshooting, conducting Root Cause Analysis (RCA), implementing corrective actions and enforcing improvements to eliminate recurrence of breakdowns
- Skilled in identifying areas of obstruction and taking steps to rectify equipment through application of troubleshooting tools
- An excellent analyst with excellent relationship building and problem-solving skills; leading and motivating workforce, imparting continuous on job training for accomplishing greater operational effectiveness/ efficiency

Skill Set

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|-----------------------------------|--------------------------|--|
| ~Air-loop systems & Gas Detection | ~ Maintenance | ~Client Relationship Management |
| ~ People Management | ~ SAP | ~ Environment Health & Safety Management |
| ~ ERP | ~ Training & Development | ~ Servicing & Defect Management |

Training Courses

- H2S training, Basic Fire Fighting and Basic First Aid from ETSDC Abu Dhabi.
- OPITO Authorized Basic H2S training-9014 & Authorized Gas Tester-9024 from Solas Marine Services LLC, Dubai
- ACLS, BLS & ERT training from American Hospital, Dubai

Work Experience

Feb'18 to till date: Solas Marine Services LLC, Abu Dhabi as Air-loop Installation Engineer.

Client Handled: ADNOC Abu Dhabi, SNOC Sharjah

Responsibilities:

- Installation of Air Loop & Gas Detection System
- Calibration and Commissioning of Wireless H2S Sensors (RC SYSTEM), Personnel Monitors & Multi Gas Detector (BW Gas Clip) as required and record that Sensor checks and calibration were conducted in the Drilling Contractor's Log
- Providing Training to Personnel about Donning and Doffing of Breathing Apparatus(SCBA,SABA,EEBD), Properties and Characteristics of H2S and how to use Air loop Systems
- H2S Awareness ,Safety Orientation and BA Training to all New Arrivals on Rigs
- Perform Weekly Air Compressor & Air Cascade system Air Quality Checks (CGA STANDARD), Ensure all entries have been made on the Breathing Air Compressor Operating Log for Weekly Operating and Service activities(BAUER VETRECON COMPRESSOR
- Conduct Functional Checks of all SCBA, SABA & EEBD Equipment ,Record result on Inspection Record card Contained in each Carrying cases
- Physical Inspection of Breathing Apparatus and Trouble Shooting Positive Pressure of mask ,Failure of Demand Valve, Inhalation and Exhalation Function alarm, Work line hose leak etc. made by Dragger & Scott
- Conducting Pre-Job Safety Meetings with Rig Crew and preparation of Work Permit for Task on Hand
- Provide Continuous Monitoring of Gas Concentration with Multi Gas Detector and H2S Detection tubes (Calorimetric tubes) during activities that have Potential for and H2S Release i.e. Coring operation, Coil Tubing, Milling, Production testing of well, Well kick, Abnormal Conditions

Aug'14 to Jan'18: Al Husam General Contract Est., Abu Dhabi, UAE

Growth Path:

Aug'14 to Aug'15: Marine Coordinator
Sep'15 to Jan'18: Maintenance Engineer

Responsibilities:

Maintenance Engineer:

- Devising plans & allocating duties to the vehicles / machinery as per the site requirements

- Supervising all documentation related activities in a project
- Working in coordination with other areas to ensure administration and control
- Monitoring data entry of in-carry/dispatch; updating contracts/ bill details in SAP
- Monitoring breakdowns by working in coordination with plant, fleet and workshop personnel
- Sharing the time sheet according to the work performed by the equipment & machinery
- Developing schedules for maintenance chart of all equipment
- Generating machinery report to be shared with Senior Logistics Coordinator or Manager on a regular basis
- Preparing the weekly/ monthly reports of machinery & equipment and submitting to the Logistics Manager
- Creating service orders, quotations, delivery orders and work orders based on requirements of parts for vehicles in SAP
- Imparting training to employees geared towards optimizing knowledge & operational efficiencies

Marine Coordinator:

- Administered maintenance related, operations, repairing jobs & ship docking
- Liaised with marine crew, office & the client regarding the shipments of the cargo
- Developed schedules for the relevant surveys for the landing craft periodically
- Obtained and renewed the relevant certificates of landing craft & crew
- Prepared the quotation and invoices for the jobs implemented by the landing craft

Jan'13 to Jul'14: Sri Sabari Enginech Pvt. Ltd., Jamnagar, Gujarat as Maintenance Engineer

Reliance Industries Limited, Jamnagar, Gujarat

Responsibilities:

- Formulated maintenance plans of Crawler, Tyre Mounted Hydraulic and Pneumatic Cranes
- Performed dismantling of Lattice Boom Cranes to shift from one place to another and prepared necessary paper documents for the dismantling purpose to ensure all the safety PPEs for the workers & equipment to prevent personal injuries
- Liaised with the respective Reliance Engineers to rectify the problems with the equipment
- Implemented workplace inspections to observe the physical conditions of work practices (dismantling/assembling of crane, placing of crane, maintenance of cranes, & hydra) followed by workers and advised measures to be adopted for removing the unsafe actions & conditions

Education

2012 **B.E. (Mechanical Engineering)** from Vivekananda College of Engineering & Technology, Puttur (VTU)
2008 **XII** from Vittal Pre University College, Vittal, DK (DPUE)
2006 **X** from Vittal Junior College, Vittal, DK (KSEEB)

Academic Projects

Title: **Design and Fabrication of Button Operated Gear Shifting for Two Wheelers**
Period: Feb'12 – May'12
Synopsis: The project aimed at replacing the lever operated gear shifting mechanism of 2 wheeler by button system. This was achieved by using two solenoids.

Title: **Working Model of Centrifugal Governor**
Period: Jul'11 – Oct'11
Synopsis: A governor was used to control the speed of an engine. A centrifugal governor worked on the principle of centrifugal action.

IT Skills

- Proficient with SAP, ERP, MS Excel & Word, Solid Edge

Personal Details

Date of Birth: 27th January 1991
Languages Known: English, Hindi, Kannada
Nationality: Indian
Passport Details: Passport No. - L4390664, Expiry Date – 23rd April 2024