**SUMMARY**

**Curriculum Vitae**

**Total 9+ years experience** last 4+ years to working in offshore maintenance department and servicing of Compressors, Gas Power Turbines, Diesel Engines and present working as a **Mechanical Technician** in HYUNDAI **HD 2500 Derrick Lay Barge** for maintenance of Detroit Diesel Engines, Cummins Generators, Pneumatics, Hydraulics, SAS Tensioners, Skagit Anchor Winches, Compressors, Fire Pumps, Hydra lift Davit Cranes, CRC conveyors, Fork lift & assisting for all mechanical related jobs with Project team.

**Areas of expertise:**

• Assessed each job to evaluate safety and obstacles that might prevent the mission from being success.

• Responsible for servicing and repairing the equipment of particular typical work activities include conducting diagnostic tests, results analyzing charts and graphs, reviewing project instructions, performing repairs using power tools and welding tools, analyzing the equipment and suggestions to makers decision on increase efficiency.

• Worked closely with quality control and representatives to ensure compliance standards and specifications.

• Installed and replaced critical components with maintenance standards and technical manuals.

• Performed all repair process within their capability to return aerospace components to serviceable condition.

• Performed teardown and evaluations maintained repair records in a fashion compliant with regulations.

• Tested components, performed repairs to components and assembled a variety of aerospace components.

• Complete work orders efficiently and in a timely manner while exceeding company set standards.

**Core skills:**

 Knowledge of Mathematics pertaining to machinery.

 Knowledge of machines and tools.

Quality Control Analysis.

Operating monitoring.

Critical thinking.

Complex problem solving.

Analytical skills.

written and verbal communication skills.

Devise Preventive Measures to Avoid Machine Downtime.

Repair and Maintain Machinery.

Keep Meticulous Records of Machine Service History.

Analyze Machine Test Results and Make Adjustments to Meet Company Specifications.

**Curriculum Vitae**

**Education**

*Academic Qualifications:*

1. DIPLOMA IN AUTOMOBILE ENGINEERING.
2. INTERMEDIATE VOCATIONAL AUTOMOBILE ENGINEERING.

*Professional Courses/Training:*

* OPITO APPROVED COURSE : 5858
* Certificate no - 00585858100917128611
* VALID 09th sep - 2021
* MODULES COVERD IN THIS TRAINING.
* HELICOPTER SAFETY & ESCAPE WITH EBS.
* FIRE FIGHTING & SELF RESCUE.
* EMERGENCY FIRST AID.

*Software Skills:*

COMPUTER KNOWLEDGE, MS WORD, EXCEL, POWER POINT, AUTO CAD.

**Awards/Achievements**

1. 4+years, O&G Offshore Hyundai HEAVY INDUSTRIES / Mechanical Experience.

2. 2+ Infant engineer’s production plant experience / Jr. Engineer Experience.

3. 2+ ship building industries / Mechanical Technician Experience.

**OFFSHORE PROJECT DETAILS:**

* Crude Handling facilities project Phase 3 IOCL Project Paradip offshore India.
* Deen Dayal Field Development project for offshore GSPC in Kakinada India.
* Tang Long Dong Do project for PTSC / LSGOC offshore in Vietnam.
* PTSC – MC / LSJOC & SU TU NAU FIELD DEVELOPMENT PTSC – MC / CLJOC in VUNG TAU, VIETNAM.
* 48 INCH SUB SEA PIPE LINE, FIBER OPTIC CABLE, SPOOL & SPM INSTALLATION OF NGHI SON REFINERY & PETROCHEMICAL COMPLEX PROJECT FOR JGCS / SK E&C IN NGHI SON VIETNAM.
* YETAGUN NORTH DEVELOPMENT PROJECT PHASE ‘V’ FOR PETRONAS /L&T IN MAYNMAR.
* ADMA OFFSHORE PROJECT IN ABU DHABI**.**

**Curriculum Vitae**

**WORK EXPERIENCE**

**JAN2013 to till date**

**Offshore O&G Maintenance fields Hyundai Heavy Industries, Singapore.**

Position held : Mechanical Technician

**Nature Of Work:**

As a mechanic working for maintenance and servicing of Detroit Diesel Engines, Centrifugal Compressors, Portable reciprocating Compressors, Emergency Generators, CRC Pipe Conveyor system, Tensioners and Hydraulic pumps Hydraulic motors Davit Cranes, Hydraulics & Pneumatics Tuggers , Position Winches, Main & Deck Cranes, Emergency Fire Pump , Sea Water Lifting Pumps & Fork Lift, Menck Hydraulic hammer.

**Activities in Operation & Maintenance:**

1. **Amclyde Main Crane:**

Capacity - 2500 Ton

Check Main, auxiliary, Whip & Boom Hoist brake, Clutch & Pawl engagement for correct adjustment.

Check Swing Motor Brake condition.

Check All Engine exhaust spark arrestors, insulation, governor, Fuel Purifier, Radiator Water level and Fan Guard condition Detroit 2 Stroke Diesel Engines.

1. **Deck Crane:**

Capacity: 750 Ton

Check main hoist drum, auxiliary hoist drum and boom hydraulic motor & its oil system.

Check crane hook, safety latches, rope revving, swing drive unit, main hydraulic pump, Diesel engine and throttle box.

1. **Fork Lift:**

Capacity: 03 Ton

Check Engine fuel & oil level, Transmission shift lever & its oil level, Accelerator linkage, braking & steering system, Tilt lever, Fork – Hell, toe & pin, valve, hoses fittings & cylinders.

1. **Air Compressor:**

Capacity: 900 CFM

Check discharge Air pressure, temperature, oil filter & Air filter condition, lube oil temperature & pressure, oil separation condition, auto water drain system, Air drier suction & discharge pressures; inlet & outlet temperature.

1. **SAS Tensioners :**

Capacity: 225 Ton at 7.5 RPM

Check the Hydraulic Power unit – Main & Auxiliary pump pressure, oil level & temperature in the storage tank, tensioned track suspension rollers condition, hydraulic motor, track shoe, track suspension performance.

1. **Skagit AED- 250 Mooring Winch:**

Check drum brake, pawl air cylinder, level winder, air system, lubrication pump, Fairlead, Tension Sheave, Deck sheave, gear case, lube oil tank level, chain drive, air lubricator, motor coupling, actuator and wire winding condition.

**NOV2009 to**

**DEC2012**

**Curriculum Vitae**

1. **Menck Hammer :**

Menck hammer 200B, 600B, 1200B, Engine and hydraulic wise full knowledge hammer nitrogen gas filling for shock absorber purpose and overhauling for shock absorber and over all maintenance.

1. **Internal holding clamp (IHC) :**

Jacket piles lifting purpose Using (IHC) clamping unit service and hydraulic pump pressure adjusting and solve the problems……………………………………………....

**VISHAKA SHIP BUILDING INDUSTRIES VISHAKAPATNAM, AP, INDIA**.

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1. Position held : Mechanical Technician

Place of work : Visakhapatnam, A.P.

**Nature of Work:**

As a marine machinery mechanic in this organization, I perform the tasks of repairing and maintaining marine machinery, Marine engines. Additional roles and responsibilities include:

* Performing specialized mechanical repair and overhaul work on marine engines, outboard motors, gasoline and other related system
* Performing the tasks of testing marine engines and related equipment
* Handling the tasks of repairing and maintaining valves and hydraulic equipment
* Performing the tasks of repairing marine engine as well as equipment by using power and hand tools.
* Performed the tasks of repairing, assembling, cleaning or installation of machinery by using various tools and equipment
* Handled the responsibilities of performing the tasks of troubleshooting on marine equipment like pneumatic and hydraulic parts
* Performed the tasks of overhauling, and restoring cylinders, valves and hydraulic pumps

**Curriculum Vitae**

**APR2007 INFANT ENGINEERS PVT. LTD. CHENNAI, TAMIL NADU, INDIA.**

**TO**

**SEP2009**

# Organization Profile

* An I.S.O. 9000, QS 9000, I.S.O/T.S. 16949, Certified & NIQR Awarded Company.

One of the leading Auto components (Brakes, Suspension systems) Manufacturing Organization for LCV Vehicles.

# Major Customers

* Manado India LTD, Hwashin, Breaks India, Jkm Dynamitic,

M & M - RENAULT.

PREVIOUS JOB DESCRIPTION

# Department : Production

# Position : Jr. Engineer

WORK EXPERIENCE

* Working as Shift In charge and Team coordinator in Shop floor, can manage individually all types of manufacturing cell with factors like planning of manpower, quality, production & shifts.
* Having enough experience & trouble shooting on C.N.C’s like and V.M.C LATHE machines.
* Taking projects on Rejection control.
* Pitch time reduction.
* Lay out changing.
* Building & strengthen the continual improvement teams and conducting training programs for the Team Members.
* Conducting training programmed to cell members.
* Conducting 5S audits on monthly basis and implementing the corrective actions.
* Preparing & updating the control documents such as FMEA, Control Plan, and Work Instructions.
* Having good experience on handling customer initiated a project which leads to sustain the quality level and much focus on customer satisfaction.
* Good experience on improving the visual standards in the manufacturing lines.
* Analyzing & submitting counter measures for the customer complaints & in process rejections**.**