RESUME

MECHANICALTECHNICIAN (OIL &GAS PLANT)

RAVI.V **PH : 9363136622**
23B, South street,
chokkalingapuram,
Tirunelveli(dist),
Tamilnadu627133,
India.

EDUCATIONAL QUALIFICATIONS **(DME)**

OBJECTIVE:

Look forward to a challenging and growth-oriented career as a Good Engineer or any assignments in an organization that would help me develop my technical skills.

PROFILE:

- **Diploma in Mechanical**' with a specialization in the area of 'Mechanical Engineering' possessing strong technical exposure
- Possess excellent domain knowledge with a consistently good academic record.
- Possess a good technical project and training exposure providing knowledge of various industrial and manufacturing processes while strengthening the ability to work individually or within a team
- A keen learner and result-oriented individual holding a good practical knowledge of the area while having a keen interest in the core functional areas.

ADDITIONAL COURSES:

Helicopter Underwater Escape Training course,
Elementary First Aid
Fire Prevention And Fire Fighting
Personal Survival Techniques
Personal Safety & Social Responsibilities

Total 5+ Years' Experience in Oil Gas Fields as MECHANICAL TECHNICIAN

Organization	Period	Position	Location
Star Services L.L.C	Jan 2023 to Mar 2023	Mechanical Technician	Abu Dhabi
Oil & Natural Corporation Ltd	Mar 2020 to May 2021	Mechanical Technician	Mumbai
Aarvi Encon Private Limited	May 2018 to Nov 2019	Mechanical Technician	Rajasthan
Thekkans Nakco	Jun 2017 to Feb 2018	Mechanical Technician	Mumbai

EXPERIENCE DETAILS:

Erection, Commissioning, startup, preventive & break down maintenance and shutdown maintenance of static and rotary equipment's and its operation.

ROTARY EQUIPMENT'S HANDLED

- Maintenance of Centrifugal pumps, Centrifugal Compressors, Reciprocating Compressors, Gas Turbine, Steam Turbine, Alignments, Diesel Generators, Firewater pumps and Process plant equipment's pumps and Compressors, Erection work, Routine and Preventive Maintenance.

CENTRIFUGAL GAS COMPRESSOR

Involved in complete strip down and reassembly of centrifugal compressor.

- Removal and assembly of rotor bundle.
- Inspection of diaphragms, diffuser, thrust and radial bearings.
- Maintaining overlap and axial float between stages.
- Renewal of 'O' rings.
- Removal and reinstall journal bearings thrust bearing and thrust disc.
- Use of special tools for bundle removal / Installation.

RECIPROCATING GAS COMPRESSOR

Preventive maintenance and complete overhauling of compressor used for instrument air, utility air, and to produce nitrogen.

- Replacing piston rings, guide rings, rod packing and adjustment of TDC and BDC.
- Replacing main bearings and big end bearings.
- Refurbishment of suction and discharge valves & Renew of cylinder liner
- Worked on the unloaded device of compressor.

Trouble shooting such as long interval between load and unload. Low lube oil pressure, PSV releasing, belts breakings, cooling water pump fault, inter cooler and after cooler leakage.

CENTRIFUGAL PUMPS

- Single Stage & Multi Stage Pumps.

PUMPS

- Having relevant experience in maintenance in all types of pumps such as centrifugal, reciprocating and rotary pumps.
- Obtaining a complete check list of the dismantled equipment and keep a record of the same.
- Inspect the condition of rotating parts namely shaft, sleeve, impeller, oil deflectors, wear rings, bearings, coupling and stationary parts such as casing stuffing box, distance pieces and bearing housing.
- Renewal of mechanical seals replacement of rotor checking wearing and throat bushes, bearing clearances
- Hydro test of pumps to determine mechanical seal and casing leaks.

MECHANICAL SEALS

- Make like seal oil, durametric, jhone crane etc. worked all types of seals including single, double and single spring, multi-spring bellow type and proper rectification of the same.
- Refurbished all type of single double, tandem and cartridge seals, having single, multi-spring and bellows.
- Renewed packing seal faces and maintained operating length lapping seal faces to the required finish.

TURBINE:

Involved in minor, intermediate and major servicing and inspections.

GE Gas Turbine ,siemens ,mistabushi .

Rotor replacements, bearing inspection and bearings renewal

Nozzle clearance setting, stuffing box carbon packing's renewal.

Performing cold and hot alignment.

ALIGNMENT

Thorough knowledge of types of alignment

- Rim and face method,
- Reverse indicator method, (Analytical and Graphical)
- Laser method

VALVES

Experiences in servicing and testing various types of safety and relief valves.

- On line popping and reseating pressure setting of the safety valves on high pressure boiler.
- Servicing and testing valves like gate valves, globe valves, angle valves, ball valves, types of check valves, diaphragm valves & butterfly valves

Static Equipment:

Worked in Safety relief valves, Replace filters, Clean strainers, flame arrester and pipeline plant maintenance, involved in Safety relief valves overhauling & calibration and general valves(gate valve, globe valves, ball valve, check valve),Heat exchanger, Hydro test and service, Furness, Tower(Colum),vessel, Blinding and De-blinding, Hose connection, Line flushing, De-choke, Fin fan.

SAFETY DEVICES:

H_2S safety, fire safety, using crow can gas tester (CH_4, H_2S), fire Extinguisher (foam DCP & Co_2) using in fire classification, fusible plug operation, deluge valve operation fire-water pump operation, Breathing Apparatus, Safety Jacket, Gas Detector. Smoke Detector, heat detector operation H_2S deduction, fixed monitoring system, electronic monitors, and tub detector.

RESPONSIBILITIES

- Day to day maintenance activities
- Preventive maintenance of all equipments like centrifugal pumps, reciprocating pump etc.
- Breakdown maintenance of all equipments.
- Overhauling of all rotating equipment's.

- Working with static equipments.
- Carrying out of all Preventive, Predictive and Breakdown maintenance.
- Pipe line checking works.
- Loading Arm operating and maintenance.
- Gangway and gangway Tower crane operating.

PERSONAL POSITIVE STRENTHS

- Social Adaptability
- Hard Worker
- Ability to work under pressure
- Punctuality
- Self Organized

PERSONAL DETAILS:

Name	:	RAVI
Father's Name	:	**Vettumperumal**
Gender	:	**Male**
Marital Status	:	**Single**

Nationality	:	**Indian**
Qualification	:	**Diploma in Mechanical Engineering (DME)**
Languages Known	:	**English, Hindi and Tamil**

PASS PORT DETAILS:

Passport no	:	**U5724937**
Date of Expiry	:	**24/06/2020**
Place of Issue	:	**Madurai**

DECLARATION

I here by declare that all the details given above are true & best of my knowledge. If an opportunity given to me I will be sincere & truth full.

Thanking You,

Date :

Place :

Yours Faithfully

RAVI.V