**CURRICULAM VITAE**

**ROTATING TECHNICIAN**

**Sector: Oil & Gas**

**Experience: From 2015 to Till now**

**Aravinthasamy**

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**Career summary**

Enthusiastic mechanical technician eager to contribute to team success through hard work. attention to detail and excellent organizational skills. Motivated to learn, grow and excel in maintenance technician.

**Professional Qualification**

**B.E - Mechanical Engineer** passed out on 2015 with **FIRST CLASS**

Higher secondary education passed out on 2011

**Experience summary**

1. **Oman-based Company**

**Designation**: Rotating Technician

**Period**: May 2019–Till now

**Responsibilities**: Receive the work permits from the client, as per OSHAS follow the job safelyunder supervisor and give the work instruction to our junior craft regarding then executing Preventive maintenance and Corrective maintenance activities under supervisor guidance are carrying out and report to directly engineer.

1. **KNPC (Kuwait National Petroleum Company) Designation**: Mechanical technician **Location**: Kuwait

**Period**: Aug 2018–Oct 2018

1. **CPCL (Chennai Petroleum Corporation Limited) Designation**: Mechanical technician

**Location**: Chennai

**Period**: Aug 2015–Jul 2018

**Responsibilities**: Receive the work permits from the supervisor, as per OSHAS follow the jobsafely under supervisor and give the work instruction to our junior craft regarding then executing Preventive maintenance and Corrective maintenance activities under supervisor guidance are carrying out and report to directly engineer.

**ROTATING EQUIPMENT EXPERIENCE**

**COMPRESSOR**

* Double acting single & multi stage reciprocating compressor (Mitsubishi japan)
* Well knowledge of 8000 & 16000 hours overhauling.
* Well knowledge of suction & discharge valves, stuffing box, intermediate compartment, oil scrubber compartment refurbishment.
* Overhauling of all inspect piston, cylinder cover, suction and discharge valves, stuffing box, intermediate, oil scrubber compartment.
* Inspect a connecting rod big & small end bearing replace, main and guide bearing replace
* As per vendor manual all measurement of rider ring and piston ring clearance, cross head clearance, piston BDC to TDC clearance, main and guide bearing clearance, axial clearance, volumetric clearance, piston rod run out, suction un loader lift clearance, valves lift clearance, web deflection.
* Measurement of piston, cylinder liner, cranks shaft, connecting rod big and small end bearing, gudgeon pin.

**PUMPS**

* Having relevant experience in maintenance types of pumps such as centrifugal, reciprocating and rotary pumps.
* Inspect and condition of rotating parts namely shaft, sleeve, impeller, oil deflectors, wear rings, bearings, coupling, mechanical seal and stationary parts bearing housing and casing.
* Renewal of mechanical seals replacement of rotor checking, wear rings, throat bushes and bearing clearances.
* Maintaining the required axial float in between bearing pumps, check radial and axial ply.
* Checking run out using a dial gauge when pump overhauling.
* Overhauling of boiler feed water pump, between bearing pump, back pull out pump and horizontal split casing pump.

**FIN FAN**

* Forced draft fin fan belt tension checking with sonic meter.
* Laser Alignment checking and blade angle checking by angle protector.
* Overhauling of fin fan bearing with plumber block.
* Carried maintenance of pulley replacement.

**SHAFT ALIGNMENT**

* Laser alignment method
* Rim and Face method

**BEARINGS**

* Removing and fixing of all types of bearing from bore sizes 10 mm to 150 mm and checking the clearance.
* Checking the journal bearing clearance & tilting pad thrust bearing clearance.

**STATIC EQUIPMENT EXPERIENCE**

**COOLER**

* Carried out includes activities right from blinding, bundle pulling and cleaning.
* Maintenance jobs carried out heat exchanger in U type and floating type.
* Carried out hydro testing and repairs as per inspection procedure.
* Pump seal cooler hydro test take and replace.

**STRAINERS AND FILTERS**

* Cleaning and replacing of pump and compressor suction strainers and filters.
* Cleaning and replacing the pump orifice.

**TOOLS HANDLING**

* Uses and variety of tools and measuring devices such as vernier calliper, micrometer (inside and outside), dial gauges, depth verniers, plastic gauge and feeler gauge.
* Impact wrenches, pneumatic tools, hydraulic special tools and torque wrenches etc.,

**EXPERIENCE IN FIELD MAINTENANCE**

* Receive work orders for corrective repair and preventive activities.
* Carried out job assessments at site and during visit site find out the hazards.
* Measure the job requirements and plan the same before execute the jobs like materials and special tools.
* Coordination with reliability for any technical clarification and additional instruction for major overhauling equipments.

**PERSONAL PROFILE**

Date of birth: 02/07/1994

Gender: Male

Marital status: Single

Nationality: Indian

Language known: English, Tamil, Hindi and Malayalam

**DECLARATION**

I here by declare that the information are above is true to the best of my knowledge and belief.

Thanking you

Aravinthasamy