

CURRICULUM VITAE

Application for **Production Operator**

M.BRIJESH RAJA

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Summary:

It is with extreme interest that I submit my resume for the position **Production Operator** in your organization. Around 06 years' experience has been excellent preparation for me to excel in such a position. I am confident I can be my background and skills can be of benefit to your company.

Technical Qualifications : **Diploma in Chemical Engineering**

Total experience : **Around 6 years.**

Having around 6 years as a operator:

Worked as an **Control room operator** in **Hpcl mittal pipeline Ltd** through **Aarvi encon** from July 2024 to till now

Worked as an **Commissioning Process Operator** in **Adani solar** through **Aarvi encon** From Jan 2024 to May 2024

Worked as a **Field Operator** in **CPCL Chennai** through **Apra Infra Project** from sep2021 to oct 2023.

Worked as a **Wellhead OPERATOR** in **Oil and Natural Gas Corporation** at **Hal offshore** from Feb 2018 to Aug 2021.

SUMMARY of EXPERIENCE

- Natural Gas Processing Complex
- Early Production Facility
- Water Treatment and Injection Point
- Crude Pumping Station
- Gas-Well Gathering Unit
- Well Head Operation and Maintenance
- Well Completion and work over
- Central Processing Facility
- Safety Equipment
- Inert gas producing Plant
- Utilities
- Rig and Barge Unit

Responsibilities:

- Operation and maintenance of Process plants, Offshore Platforms and Unmanned Well head platform.
- Maintaining detailed records of all the activities carried out on site and assist for material control and inventory.
- Pig launching and Pig receiving, Oil and Gas Receiving, Oil Treating and condensate stabilization and Sour Gas Treatment.
- Rig assistance jobs like initial flow back of oil and Gas wells, Planning and taking up process shutdown during rig up and rig down as per the requirement and Start-up of the same on clearance from the Rig.
- Gas Dehydration through TEG and Sour water treatment and TEG and MEG Regeneration Ammine regeneration and Caustic Regeneration.
- NGL extraction and fractionation and LPG recovery, De Methaniser, De ethaniser, De propaniser and De Butaniser.

- Gas Compression, Booster Gas and off gas with Centrifugal and reciprocating compressor. Furnace dry out and Furnace operation.
- DCS, PLC, and SCADA systems Operation in panel board (Yokogawa centum 3000 cs).
- Preparation of Standard operating procedure (SOP) and Task risk assessment (TRA/JSA) for all schedule and critical jobs.
- Compliance with offshore safety standards, LOTO (lock out tag out) and PTW (Permit to work system) systems.
- Supervision of construction & Erection of Heavy structure Piping and Equipment at Offshore. Final checkup of pipeline by using P&ID and Isometrics and making as Build drawing.
- Take Response in the time of emergency acting as ERTM.

Water Treatment and Injection:

Stats up knowledge of water lift pumps (Ingersoll –Dresser 450 m³/h), electro chlorination Package units, chemical injections like biocide 1 &2, Anti scale, Antifoam, and Cl₂ coarse filter, sand filters (220m³/h), back washing sequence of the filters, blowers deaerator (stripping gas method and vacuum method), O₂ scavenger injection, Vacuum pumps, Boost pumps and Sulzer turbo pumps driven by EGT Turbines (530m³/h) starting and stopping from the PLC& DCS panels, PCV&FCV (Mini flow) controlling, export line pressure monitoring and water Export line Pigging Operations.

Well Head Operations:

Operation of X- Mas tree (CAMERON, FMC, CAMCON & BHEL), Actuator operated Master valve and Wing valve, SSSV (DHSV), annulus. Pressure bleeding operation, panel board operations (BAKER, OTIS, BRISCO & PETROTEC), Flow line choke changing and adjusting Flow line PSL & POSH switches, FTHP well equalizing, gas lift injection wells, Test separator handling, Well testing, BDV panel operation, orifice changing in the flow lines (oil, gas & water/ DANIEL), Flow and pressure recording (IIT BURTION, FOXBORO & ROSEMOUNT), isolation and Hand over the wells to well service for perforation, Acid job, well cleaning, wire Line operations such as SSSV removing, Bottom hole sampling, Reservoir study, Down hole pressure analysis.

Separation:

Testing well through three phase separator, Gas Calculation, Wing valve, Master valve, SSV, SSSV operation through wellhead control panel, Oil calculation ,Gas Oil ratio, Acid pumping through coil tubing(Diesel and HCL),Nitrogen lifting , Checking PH, Well activation, Well stimulation, Oil and Gas Sampling, gas gravity checking through Ranerax meter, BSW, ESD panel operation, Surface Pump operation and good knowledge about wellhead operation Water Treatment unit operation, very good knowledge about testing separator like level setting, pressure setting, recorder calibration through Dead weight tester and pressure gauge calibration etc.

Reboiler:

Maintains the Reboiler Temperature Glycol; Level Fuel Gas to Pilot gas Supply, Still Column Temperature Setting, and three-way valve function. Log Sheet for Glycol Regeneration Unit and Control Room Reading.

Oil and Gas Gathering Stations:

Familiar with oil manifolds, MP & LP separators (Two/ Three Phase), Booster Bumps, Crude transfer pumps, chemical injection (Electrical and Air Drive) GASD

/ Oil line pigging operations, changing orifice plates, Fuel gas scrubber, Slug Catcher, knock out drum, Air compressor and Routine sampling of oil and gas wells.

Control panel operations:

Conversant in handling of all types of control panels, central control panels, local control panels, pneumatic control panels, Various types of valves PCV, LCV, Fisher controllers, Gas detectors, UV detectors and Detronics and Honeywell instrument Panels.

Equipment Handled:

Gas gathering / Booster Compressor Centrifugal Compressor (3 stages), Centrifugal Compressor (2 stage) – Nuovo Pig none, reciprocating overhead Compressor, Crude Stabilization Unit, Gas Fired heater, Hot oil system, Burner light up operation, Heat Exchangers-Fin Fan Coolers, Reboiler system, Slug Catcher- Gas/ Liquid filters, Amine Pumps, Chemical Injection Pumps. Operation and testing of Storm Choke, SSSV, SSV, back pressure, Chemical supply, hot oil supply, sliding sleeve, and Rabbit control line cutter. Gas sample collection, Tubing hanger Xmas tree flange testing, Anchor bolt setting.

Utilities:

Well experienced in utility operations such as Instrument Air Compressor, Centrifugal Pump, Piston Pumps, Water Treatment Plant, Produced Water Tent Plant, Raw Water Treatment, sewage water and effluent treatment, cooling tower chemical injection

PASSPORT DETAILS: (ECNR)

Passport Number : Y7257750
Date of Expiry :
16/08/2033 Place of Issue :
Madurai

PERSONAL PROFILE

Name : M.Brijesh
Raja Father's Name : G.Mohan Raj
Marital Status : Unmarried
Natioality : Indian
Languages Known : Tamil, English & Hindi
Permanent address : 12/1, Main road, Sivasubramaniapuram,
Tirunelveli Dist, Tamilnadu - 627116

DECLARATION

I hereby declare that the above information and particular given by me is complete and correct to the best of my knowledge.

Thanking you

Yours faithfully,
(M.Brijesh Raja)