 **RESUME**

**Applied For Commissioning supervisor**

Name **:** D.Kumar

Date Of Birth **:** 02.05.1975

Nationality **:** Indian

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Email Contact **:** kumaguna@gmail.Com

Permanent Address **:** #9 Chettiyapatti (Po),

Dindigul Dist -624314

Current Location  **:** India

Educational Qualification **:** ITI Mechanical

Skype id  **:** kumaguna48

Passport No **:** L5905659

Issued At **:** Dubai

Valid Up To **:** 03-02-2024

Total Years Of Experience  **:** 13 years in Oil&Gas Plant and 8 years in CCPP(Power Plant)

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| COMPANY | LOCATION | PERIOD | POSITION HELD |
| Shri Ram Powergen Private Ltd | Pollachi,India | May 2018 to till date | Field Supervisor |
| Hyundai Engineering &Construction, Talimarjan Project | Uzbekistan | May 19th 2016 to  May 20th2017 | Commissioning Senior Operator |
| Hyundai Engineering &Construction, Abidjan  Project | Ivory Coast,  Africa | Aug 2014 to  July 2015 | Commissioning Field Operator |
| Doosan Heavy Industries & Construction Co Ltd,  Jebel Ali Project,UAE | Dubai,UAE | Sep2008 to  May2014 | Commissioning Supervisor |
| India,On& Off Shore (Oil&Gas Plant) | Oil india, O.N.G.C | Dec 2001 -Mar 2008 | Field,Production Operator,Well head Operation |
| Doosan Heavy Industries Construction Co Ltd,India | Gujarat, Andhra Pradesh,  Karnadaka | Sep 1995 to  Sep 2001 | Erection, Operation &  Maintenance (Boiler) |

**Plant** **Training/ Seminars Attended:**

* H2S course.
* Fire fighting.
* Permit to work (P.T.W.) (Area Authority**)**
* Emergency response
* Gas testing.
* LOTO

**COMMISSIONING ACTIVITIES:**

* + Maintain the operation of such equipment asIsomerization Unit,Gas Separate Unit,Ethan Cracker Unit, Utility Operation and Pre Commissioning,Commissioning etc.
  + Maintain the operation of such equipment asGas Turbine,Steam Turbine,HRSG(Boilers), Duct burner,Gas compressor,Gas Pressure Reducing Skid and Metering skid,Air compressor, Fin fan cooler, stokers, variety of pumps and Evaporator etc.
  + Participated in Pre Commissioning and Commissioning of lube oil system, Diesel fuel oil system, closed cooling water system, Boiler feed pump and Boiler Steam Blow Out, Waste water system & Nitrogen generation system, Air intake, Compressor cleaning system, Condenser tube cleaning system,cooling tower & Air Cooled Condenser system.
  + Maintain the Operation equipments in the MSF units Operation and compressors, pumps, valves, chlorination plant, sea water intake plant and re-carbonation plant etc.
  + Carrying out of pre commissioning activities like, Leak and Pressure Test Perform Witness, Equipment Inspection, Flushing, Chemical, Mechanical Cleaning Perform Witness, Temporary Screens, Strainers and Blinds Perform Witness, Purging and Inserting Perform Witness, Drying out Perform Witness, Instrumentation Verification Perform Witness.
  + Overseeing all areas of the plant and commissioning new equipment, regularly attend the meeting regarding the Safety, Environmental and Production targets in all fields as well as trouble shooting. Sampling and placing of work orders.
  + Gas testing, chemical handling, confined space entry and atmospheric monitoring.
  + Carried out piping and process commissioning sour process platform, perform piping leak test activities, operation test plan. Etc.,
  + Commissioning of Tank Farm (ULG-95/91 Tanks, Gasoil Tanks, Jet Fuel Tanks)
  + Commissioning of Multiproduct Pipelines. Pipeline Service Includes Gasoline, ULG-91, ULG-95, ULG98, JET FUEL, Naphtha & Reformate.
  + Involved in Field as Well as Control Room Operations & Activities.
  + Preparation of As Built P&ID .
  + Commissioning of ‘Flowserve’ Centrifugal & Reciprocating Pumps & verifying the Characteristics Curves given by the Vendor.
  + Terminal after successfully commissioning the Tanks & Pipelines.Injection of Additives in Controlled & Calculated manner into the Products.
  + Hands on Experience of Field activities like Hydrotesting, Air Drying,Nitrogen Purging, Sampling.
  + Also Involved with in Instrumentation Activites like Trip Logic checking for Various Safety & Operational Interlocks.
  + Main Circuit Breakers variations from 220V, 400V, 6.6Kv, 400kv transmissions lines
  + Reliability Test operation, Run-Back Test operation, Performance Test Operation
  + Operation (Draw-in/draw-out) on Main Circuit Breakers, UPS systems, Battery System
  + Giving Plant Process & Operations Training to the Engineers & Operators of Client Side.Training Included Both Computer Based Training & Practical Training in Field & DCS.

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| **Hands on the following Process related Operations** |

* Process Plant

Advanced Knowledge in Handling processing Equipments like both high & low pressure separator, surge tank, Main oil line pump, produced water Flush Vessel, Corrugated plate interceptor, Induced Gas Floater, Skimmer tank, Sump, etc. Have adequate knowledge in Dehydration of gas and Regeneration of Tri Ethylene Glycol. Monitoring the start-up and shutdown activities.

* Crude Stabilization Unit

Familiar with SCADA operation, Handling Two & Three phase separators, Oil reading & Orifice changing, Differential pressure reading, High Pressure, Medium Pressure Separators handling, Low Pressure, depressurizing vessels, Skim tank handling, Well fluid Oil, gas& water level, pressure maintaining in control panel operation ,Level Control valve operation and controller operation, collecting Oil samples, Chemical pump operations.

* + Gas Compression and Gas Plant Operations

Working experience in Gas Gathering Stations, Gas Compression Facilities, Gas Plant, Handled Different types of Gas Compressors (Reciprocating and Centrifugal) Thomson & Energy Industries, Sweet Gas, Purging of H2S Gas Compressors, Isolation & de-isolation of Compressors, Start-stop Logic, Recycle and Anti-surge functions, Scrubbers, Auxiliary pumps, Heat Exchangers etc., Handled Electrical Gas Turbines (RUSTON, SOLAR) and Gas Engines (WAUKESHA, CATERPILIAR) Driven Compressors Capacity- up to 1 Mm3/day at 80bar pressure. Thorough knowledge in 4stage centrifugal compressors of MANNESMAN DEMAG, GERMANY, 3 stages and 3 Trains with reciprocating compressor.

* Gas Dehydration Unit

Hands on Gas Dehydration unit consist of two sections. Those are Dehydration section and Glycol Regeneration section. Have good knowledge on Glycol purification, Glycol regeneration, Natural gas dehydration, Coalescer separator, Glycol contactors, Glycol recovery, Scrubber drum, Charcoal filter, Lean, Rich Glycol exchange, Glycol storage tank, Glycol booster and circulation pumps operations, Glycol pumping to the system and also PH value checking at Glycol-Fuel gas ,Pilot gas, Blanket gas and Stripping gas operations.

* Well Head Platform Operations

Well experienced in Off-shore Well Head and Production platforms like Panel Operation of well Head, Well Testing, Flow back of well, well Rocking, well Equalizing, well Actuation, Well Unloading, Chock adjusting, Production and Test Manifold, Start-up and Shutdown Procedures, Wellhead Control Room Operations, Emergency Procedures, Gas Injections, Water injections, Operation of Artificial Gas Lift Well (Intermittent and continues lift), Casing Depressurizing, Water lift manifolds, changing of Orifice plate, Inspection and Operation of Christmas tree and flow line checkup for leak, Pig or Scrapper Launching and Receiving, inspection of pipe lines for leakage.

**Job related Skills:**

1. Having hands on experience in startup, routine, breakdown, preventive maintenance and shut down activities in oil & gas field in offshore/onshore.
2. Proficient in interpretation of control diagrams including PID, Ladder logic, hard wire relay logic and Function blocks.
3. Proficient in writing Technical reports, Standards, Manuals, Specifications, Business correspondence.
4. Proficiency in computers, software and hardware applications.
5. Skilled at building strong team environments, fostering open communications, promoting concepts of integrity, quality, and teamwork
6. Fluent in English. Good communication & inter-personal skills.
7. Can easily adjust to any ethnically diversified working environment**.**

**RESPONSIBILITIES:**

* Make regular checks of well heads, Separator, Instrument Air Kit and all measuring units to ensure that they are functioning properly as per the standard operating procedures.
* Report all instrument and equipment defects and leaks immediately to my senior engineer and take necessary action.
* To take reading from the Separator, well head, Gas injection line, Main line and water injection line.
* In well testing each and every hour a variety of readings such as oil and gas flow, temperature and pressure and record unusual occurrence then reporting at my senior engineer.
* Start, check stop diesel generator and pumps according to the instructions.
* Open or close the water injection destruction and gas lift manifolds on the satellite which process platform to the well head platform.
* Assist in isolating – draining, Purging and handling over equipment’s for maintenance on inspection and check the equipment’s for correct operating when the maintenance job is completed.
* Make the routine weekly run test of equipment’s like emergency diesel generator, diesel and electrical fire pumps.
* With the guidance of senior engineer, Launching pigs into pipe line 8 and receiving pigs from pipe lines and check it for damages.
* Unload chemicals into tanks for injection start and adjust the flow rate of chemical injections pumps as required.
* Check the water, oil interface level in Sump Tanks and operate their pumps locally when they required.
* Collect oil, Gas and Water Samples.
* Initiate and lead firefighting or other emergency action in my area until it is taken over by a higher authority.
* Maintain good housekeeping and ensure the platform is kept clean and tidy.

Safety Equipment’s Operations:

Familiar with handling of safety equipment’s H2S monitor hydrocarbon explosive gas Detection system, Fire detection System, UV detector, Smoke Detector, Gas detector, Deluge&SprinklerSystem, Halon system, Handling Jockey pumps, Electrical & Diesel fire water pumps, Work permits, Hot work permit, Cold work permit, Vessel entry, Handling fire extinguishers like DCP, Foam type and Co2.

I hereby declare that the above furnished details are true to the best of my knowledge.

Place: Signature

Date: D.Kumar