** CURRICULUM VITAE**

**Name : Mr.Venkatachalam Karuppan**

**Date of Birth : 10 April 1982**

**Pass Port No : F 9119826**

**Marital Status : Married**

**Nationality : Indian**

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**ACADENIC QUALIFICATION**

**Higher Secondary School (+2)**

**TECHNICAL QUALIFICATION**

**B.Tech - Chemical**

**Diploma in Petrochemical Technology**

**SUMMARY OF EXPERIENCES**

**12 years of Experience in Oil & Gas, & Petrochemical and Fertilizer Plant Power plant Operation and Maintenance & Commissioning & PMC.**

**WORKING EXPERIENCE**

**April 2015 – Still Day : TOYO Engineering Corporation**

**{IEFCL (INDORAMA-Nigeria)} Chief Supervisor (U & O)**

**July2013 – Jun 2014 : Japan Gas Corporation (JGC)**

**{Barzan (Ras Gas)-Qatar} PMC Process Supervisor**

**June 2011 - Jan 2013 : Hyundai Engineering &construction Co, Ltd**

**{Habsan-5 (GASCO) – Abu Dhabi} Operator**

**Jan 2009 – Dec 2010 : Hyundai Engineering &construction Co, Ltd**

**(KUSU – Kuwait) Operator**

**May 2008 – Nov 2008 : Hyundai Engineering &construction Co, Ltd**

**{KNER (KNPC) – Kuwait} Operator**

**April 2002 – May 2008 : Thirumalai Chemicals Limited (Petrochemical Company)**

**Operation Supervisor**

**RESPONSIBILITIES**

* **Prepares daily performance summaries to monitor plant performance. Includes studying laboratory test reports, standard log sheets and other daily operating activities reports and compiling information for supervisors review. Highlights abnormalities and advises supervisor on corrective actions for discussions.**
* **Collects monthly plant production and operating data, evaluates unit efficiencies by relating chemical and energy consumption to plant throughput. Identifies possible trends, prepares reports with comments and submits to supervisor for review.**
* **Monitors equipment and systems performance, identifies potential problems and submits recommendations for appropriate actions such as revising operating modes or conditions, recommending chemical dosing and specifications, rescheduling of required shutdowns initiating chemical cleaning, proposing modifications to existing systems and following up to ensure proper execution. Issues the monthly plant health report.**
* **Participates in the identification of possible solutions in process problem areas includes analyzing operating reports and discussing problem items with the department concerned.**
* **Provides functional assistance and analyses the results of special tests from operational units, in order to provide further information for analysis and / or to test check effectiveness of alterations. Involves close monitoring of test runs and close collaboration with the operations department.**
* **Provides technical services and assistance to other sections such as instrumentation, maintenance, inspection and materials as required. Includes investigating problems associated with process, diagnosing corrosion problems, preparing technical specifications of operating chemicals and other materials and carrying out the technical evaluation of bids for chemicals and catalysts.**
* **Provides comments on the drawings and P& I (piping and instrumentation) diagrams. Checks the process documentation issued by licensors for consistency. Follows up on detailed engineering of new projects, checks design calculations, engineering drawings and specifications and makes comments as appropriate.**
* **Participates in HAZOP and HAZAN studies pertaining to proposed modifications, including identifying potential operational and safety related problems and coordinating appropriate solutions.**
* **Develops computer programmers for process plants monitoring and yield prediction. Applies computer simulation models and other advanced techniques to achieve optimum plant performance. Assists computer support unit in working out process control strategies, systems analysis and modifications.**
* **Lead the team of shift engineers/technicians to planned production target with compliance of HSE regulations and in a timely manner with cost control.**
* **Process involves oil/gas separation, Gas compression, liquefaction and export. Glycol dehydration and regeneration, Gas turbine driven power generation and utilities like air compressors and Nitrogen generation and cooling water are closely monitored.**
* **Process control through DCS and Process emergency shutdown through Triconex ESD system. Moreover PLC and SCADA are also used for remote operation. Ensure safe operation of the asset and operability of the plant.**
* **Pigging operations for gas and liquid pipeline are routine.**
* **Well experienced in new project commissioning and tie ups.**
* **Write operating procedures/ guides for various processes, equipment’s and shutdown. Write training manual for each operating unit for national employees with specific methodology**
* **Conduct HSE meeting, participate Facility inspection meeting, new project meeting and annual turn around meetings.**
* **Carry out routine checks on equipment for abnormalities and inform Superior for prompt action.**
* **Prepare the plant / equipment for maintenance ensuring adherence to standards**
* **Carry out duties as Auxiliary Fireman or Site Safety Officer as and when required during emergencies, as per the Facility Response Plan**
* **Receive chemicals, maintain the stock/consumption register and prepare chemical batches required for the process ensuring adherence to procedures**
* **Check process parameters and coordinate with Operator’s to correct any deviations.**
* **Carryout routine checks on equipment for abnormalities and inform Superior for prompt action.**
* **Prepare the plant / equipment’s for maintenance ensuring adherence to standards.**
* **PTW procedures for maintenance isolation and tagging.**
* **Sign work permits, follow on-going jobs and monitor Contractors activities ensuring adherence to safety regulations and procedures.**
* **Carry out duties as Auxiliary fireman or Site Safety Officer as and when required during emergencies, as per the Facility Response Plan.**
* **Follow all relevant departmental policies, processes, standard operating procedures and instructions so that work is carried out in a controlled and consistent manner.**
* **Receive chemicals, maintain the stock/consumption register and prepare chemical batches required for the process ensuring adherence to procedures.**
* **Ensure compliance to all relevant safety, quality and environmental management policies, procedures and controls to guarantee employee safety, legislative compliance, delivery of high quality products/service and a responsible environmental attitude**
* **Evaluated, repaired equipment and controls, equipment, gauges, instruments and monitors**
* **Emergency response management and prevention of loss management. Firefighting and safety operation.**
* **Ensured safe, efficient operations and environmentally-friendly maintenance operations and proper disposal of excess gases**
* **Monitor all administrative functions as per requirement.**
* **Maintain and provide support to all, Total Safety Task Instruction (TSTI), 5 x Back 5, Tool box Talk (TBT) and Incident Injury Free (IIF) system**

**SKILLS**

* **Excellent communication, decision-making skills**
* **Manual dexterity and strong mechanical ability**
* **Analytical, critical thinking and problem solving skills**
* **Strong computer skills**
* **Ability to work within a team environment**
* **Self-motivated, capable of working with minimal supervision**
* **Supervisor leadership skills**
* **Behavioral Observation & Intervention ( BO&I )**

**AWARDS**

* **Safety Award @ GASCO - Habshan -5,Abu Dhabi (Nov’ 2012)**
* **Safety Award @ Kusu , Kuwait (Sep’ 2010)**