**STALIN.G**

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**CAREER OBJECTIVE:**

To best utilized whole my Engineering Studies and skills to serve my organization along with my nation by working in a constructive and congenial environment.

**PROFESSIONAL SUMMARY:**

A Chemical Engineer with around 10 **years** ofextensive work experience in **Petrochemical Industries Oil &Gas Pipeline & Utilities** as **Engineer-Commissioning.** Well conversant with field activities, Also have rich experience in the areas of Project Management & Improvement, Operations & Maintenance and Quality, Environment and Safety System Management in the Petrochemical/Utility sector.

**ACADAMIC QUALIFICATION**

**B.E (Chemical Engineering)** from Annamalai University, Tamilnadu, India, from **2001 to 2005**.

Diploma in **Industrial Safety** from Annamalai University from 2015-2016

Qualifying for **ISO9001:2008** Awareness (QMS) Program by **MEQMP**.

Qualifying for **OHSAS 18001:2007** Awareness Programs by **MEQMP.**

International Vision Zero Conference on **OSH** by **IIT Mumbai**, **DGFASLI, ISSA&DGUV**

**PROFESSIONAL EXPERINCE:**

**Company : M/s. Certification Engineers International Ltd, (EIL), OPaL**

**Period : January 2016 to till date**

**Position : Senior Engineer-Process Plant Operations**

Involving with **DWST Storage** System and **DRESSER-RAND** Compressor and **DFCU plant** (Furnace),**HGU**&**Hydrogen storage system** and **Burckhardt Compressor** **Pre-Commissioning** and commissioning Activities since January2016.

Specialist in **Tank Farms** Pre-commissioning and Commissioning Activities

**Dahej, Bharuch- Gujarat at ONGC Petro Additions Ltd.,**

* **Pre-commissioning & commissioning activities like Format Checking, Line flushing with proper media, Steam Blowing with target plates ,chemical cleaning, inspection of vessels & columns(externals/internals), heaters, leak tests, purging, refractory dry out**.**MRT** **(Mechanical Running Test)**
* **Furnace, vessels columns, scrubbers and pipelines**
* **DWST commissioning activities.**
* **Closed blow down systems OWS and flare systems pre-commissioning activities**
* Involved in **PSSR** activities from Operation side.
* Ensuring high quality standards as per **EIL** at all the stages of Pre-Comm. /Commissioning.
* Monitoring the overall functioning of processes, identifying improvement areas and initiating change management initiatives to achieve cost savings in projects.
* Preparing the schedules and conducting tests/Calibrations to ensure the effectiveness of various machines and equipments keeping in view the performance, safety & quality standards.
* Issue Safety Work Permits, and Safety Tool Box Training to Engineers & Technicians

**Previous Experience**

**Company : M/s. SADAF-Saudi Petro Chemical Company (Al-Suwaidi), KSA**

**Period : June 2011 to July2013**

**Position : Engineer-Site.**

* DWST Tank
* Ethylene Plant
* Safe handling and operation of above unit.
* Process plant operations, capable of process changes, plant bottlenecks and de-bottlenecks, plant safety improvement
* Direct and coordinate plant’s upset and leading emergency response teams during incidents or emergencies to ensure safe and effective resolution for abnormal situations.
* Follow up plants’ daily activities to meet production targets and implement engineering and maintenance recommendations, schedules and programs.

Identify, communicate and ensure the implementation of preventive measures to avoid/eliminate future upset and operational abnormalities.

* Preparing and review JSA (Job Safety Analysis).
* Monitor and advise on Plant performance, capacity utilization, product yields and operating parameters, to achieve best economic and cost effective output as well as ensuring the long term safety, integrity, operability and reliability of the integrated assets.
* Monitor and analyze the plant technical performance including feed gas quality, product yields and quality specifications, operating conditions, thermal efficiency, equipment performance and economics.
* Troubleshoot, identify and propose plant performance improvements, to address technical operating problems.
* Monitor catalyst/molecular sieves unloading, loading and catalyst performance monitoring activities.
* Organize test runs for analysis of unit performance, establishing optimum operating parameters and for identifying process bottlenecks for increasing the plant throughput.

**Previous Experience**

**Company : M/s. MARAFIQ Power and Water Utility Company (ZOMCO), KSA**

**Period : Feb 2010 to March2011**

**Position : Engineer-Site Planning**

**Job Responsibilities:**

* Conduct, coordinate and conduct technical studies/surveys with teams within

Company and or external teams of specialist on Processing Engineering and other

Related issues.

* Quality control: Quality control of product during shift for various grades of

Products Report reasons for deviations in product quality and corrective measures

Taken.

* Activity log: Ensures all the activities carried out during the shift such as safety

Issues/incidents, process upsets, extrusion upsets, actions for quality deviations,

Deviations in production rates, problem/constraints in equipment, equipment

Change-over, activities etc. are logged in Shift Engineer log book.

* Equipment constraints/problems: Ensure the problems/constraints noted on the

Equipment are immediately notified to maintenance. Follow up with maintenance

for remedial action. Ensure all equipments are operated within their safe

Operating envelope.

* Standard Operating Procedures, process improvements etc: Ensure that all the

plant operational activities, start-ups and shutdowns are carried out safely as per

the Licenser/internally developed SOPs (Standard operating procedures).

* Monitoring of plant parameters: Monitoring of plant operational parameters and

take-up quick corrective measures in case of deviations.

* Maintenance activities: Ensures preparation of equipment for hand-over to

Maintenance as per the maintenance plan. Supervision of maintenance activities

carried out during the shift &amp; logging of their status in logbook.

**Previous Experience:**

**Company : M/s. Aims Pvt. Ltd, Chennai**

**Period : From July09-Feb10**

**Position : Project Engineer –E&C cum Operation**

**Job Responsibilities:**

* Conversant with detailed engineering, **Erection, commissioning and Operation** of all types of water / waste treatment equipment & plants like RO, UF, STP , ETP etc

**Previous Experience:**

**Company : M/s. Hubert Enviro Care Systems Pvt Ltd, Chennai.**

**Period : From March07-October08**

**Position : Project Engineer –E&C cum Operation**

**Job Responsibilities:**

* Conversant with detailed engineering**, Erection,** **commissioning and Operation** of all types of water / waste treatment equipment & plants like RO, UF, STP , ETP etc

**Previous Experience:**

**Company : M/s. Shasun Chemicals & Drugs Ltd at Cuddalore.**

**Period : March06 – March07**

**Position : Shift Engineer – Trainee.**

**Area of Expertise**

* Modernized Multi stage ETP
* Disc Tube Module Reverse Osmosis Plant
* Multiple Effect Evaporator
* Spray Drying System

**Job Responsibilities:**

* Responsible for operation and performance of modernized Multi stage Effluent treatment plant.
* Effective Manpower management and Control in Planning shift activities, and allocating work for achieving monthly targets.
* Planning to prevent process sequence problems.
* Planning and executing the improvement activities to run the system effectively.
* Monitoring and controlling the process parameters and quality control and analyzing process for stabilization thereby ensuring smooth operation.
* Monitoring routine maintenance and trouble shooting for equipments on regular basis for higher productivity and efficiency.
* Well knowledge in Commissioning and operation of Multiple Effect Evaporator for zero liquid discharge system.

**Computer Skills**

Data Base Management System : SAP PM & MM Modules, (End User)

Operating System : MS Office

**Personal Details**:

Date of Birth: 3rd June, 1984.

Father Name :  P. Ganesan

Sex : Male

Marital Status:  Married

Nationality : Indian

Language :  English, Hindi, Tamil, Malayalam

**(STALIN.G)**