

**JAYANTH.E**

**B.Tech Chemical Engineering**

Akkaraipatti,

Kambiliampatti – post

Dindigul – 624306

Tamil Nadu.

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### **Objective:**

Aspiration to build my career and excel in it by utilizing my skills and knowledge to my full potential for contributing to the growth of the organization.

### **Educational /Academic Qualification:**

- **Bachelor of Technology in Chemical Engineering** from Sathyabama Institute of Science and Technology affiliated to JNTUK in the year 2014 - 2018 with 62%
- **Completed HSC from** Higher Secondary School Dindigul in the year 2013 – 2014 with 56 %
- **Completed SSLC** from St. Marcellin High School Dindigul in the year 2011 – 2012 with 61 %

### **Professional Experience:**

Total 1.5 years of Experience as a Quality Assurance Technician at **Ganesh Explosives private limited** located at Coimbatore, Chennai

### **Roles and Responsibilities:**

- Taking care of Incoming raw material and analysing packing material.
- To provide detailed reports on daily/weekly basis with Intermediate materials testing.
- Prepare the status report regarding Finished products testing.
- To understand and analyse Defense products as per JSS 1376.
- Well versed in New product Development and Troubleshooting the issues which we face in plant.

**Professional Attitude:**

- ∞ Able to work effectively under pressure in order to meet deadlines.
- ∞ Willing to walk extra mile to achieve excellence.
- ∞ Hardworking and optimistic.
- ∞ Ability to quickly learn new technologies and possess good trouble shooting skills.
- ∞ Good interpersonal skills, result oriented, Hardworking with a passion to learn new technologies.
- ∞ An effective team player with abilities to work collaboratively with team, analyst and client representatives
- ∞ Mentoring team for project activities, understanding customer requirements and execution.

**Interpersonal Skills:**

- Good at time management executing.
- Co –operative and Patient.
- Ability to Communicate Effectively.
- Enthusiastic and Quick learner.

**Area of Interest:**

- Heat Transfer.
- Fluid Mechanics.

**Co-Curricular Activities:****Safety:**

- Fire Extinguishers
- All Personal Protective Equipment's (PPE) like breathing apparatus (SCBA),

**Work permit System:** Well know about permit system, vessel entry, hot work, cold work, high elevation jobs, excavation jobs and electrical jobs.

**Safety procedures:** Good knowledge of LEL, HEL& TLV of various chemicals

**Computer Proficiency:**

- C,C++ (Beginner)

- Well versed with word, Excel and power point.

### **Achievements:**

- District level in volley ball tournaments in school.

### **Final Year Project Details:**

- Propylene Glycol Mono Methyl Ether.

To produce 10 tons of PGMME and DPGMME per day, it is carried out by the process of reaction of propylene oxide and methanol in presence of TEA catalyst. It is a two step process. The main reaction combined with a side reaction. PGMME formed at first step by the combination of propylene oxide and methanol. The excess propylene oxide is then reacted with the PGMME and forms DPGMME which is a side reaction. The main reaction is carried out in a plug flow reactor, and then it is stripped and purified by means of a distillation column.

### **Personal Information:**

Name	: Jayanth .E
Father's Name	: Elango .R
Date of Birth	: 16-11-1996
Gender	: Male
Languages Known	: English, Tamil and Telugu
Nationality	: Indian
Hobbies	: Playing Volleyball, Listening Music.
Passport Number	: R6317184

### **DECLARATION:**

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

Date:

Place:

(JAYANTH.E)