FURQAN Chemical Engineer

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**OBJECTIVE**

To obtain a challenging position in a high quality engineering environment which offers key participation, team oriented tasks, immediate challenges, and career opportunity.

**PERSONNEL SUMMARY**

Team player with excellent skills & academic qualifications, having bachelor’s degree in chemical engineering. Highly motivated & energetic individual ready to learn & explore, possess good engineering knowledge & management qualities that can ensure a positive contribution towards day to day activities of an organization.

**AREA OF INTEREST**

Engineering (Process & Operations), Management & Economics***,*** Research & Development

**FINAL YEAR PROJECT:**

**Feasibility Report On Power Production Through Incineration Of Municipal Solid Waste. Case study Karachi city.**

**EXPERIENCE: 9 May 2016 ------ Present**

**Junior Production Officer in FMCG Company.**

* **ERP**
* **SAP**

**INTERNSHIP:**

* **BYCO Oil Pakistan Ltd.**

**Responsibilities**

* Testing of raw crude and its properties.
* Drawing PFD of different units.
* Learning of how final product store and transport.

**Learnings**

* How to evaluate different properties of crude oil.
* What parameters are controlled.
* How to check purity of product during process.
* **AB Edible Oil Industries Pvt. Ltd.**

**Responsibilities**

* Testing of raw edible oil.
* Check fatty acids and water content.
* Neutralization and bleaching of oil.
* Hydrogen production and hydrogenation of oil.

**Learnings**

* How maximum hydrogen can produced by Hydrocarbon reforming.
* Get familiar with electrolysis for hydrogen production.
* Boiler operation.
* **General Tyre and Rubber Company of Pakistan Ltd.**

**Responsibilities**

* Exact composition of raw materials for rubber manufacturing.
* Learning basis mixing operation.
* Analyze Curing mechanisms.

**Learnings**

* How to check quality parameter
* RO process.
* Boiler operation.

**EDUCATION**

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| B.E  Chemical Engineering | Dawood University of Engineering and Technology  Karachi -(2015)(**3.87 CGPA**)-**(1st position)(Silver medal)** |
| H.S.C (Intermediate) | Govt. College FORMEN Nazimabad, Karachi -(2010) (**A Grade** ) |
| S.S.C (Matric) | Secondary Board Of Education, Karachi- (2008)(**A-1 Grade**) |

**SKILLS OVERVIEW**

* Time Management
* Communication Skills
* Team Management
* Analytical & Interpersonal Skills
* Leadership Skills
* Proactive Approach To Work
* Cooperative Work
* Good Work Ethics

**COMPUTER SKILL**

* Basic knowledge of HYSYS.
* Windows, MS-Office (Word, Excel, Power-point)
* Computer Programming (C++)
* Graphics designing(Free Hand, Adobe Photoshop, Corel Draw, Adobe Illustrator)
* E-draw

**CO-CURRICULAR ACTIVITIES**

* **Presenter in Professional Seminar (Paper and Poster presenter):**
* **ESSD (ENERGY SYSTEM FOR Sustainable development) Conference.**

**“Biofuel Production combines With Waste Water through Algae – (4th position)**

**HOBBIES:**

Cricket, Games, Traveling, Volunteering