

# Muhammad Suleman Faiz

Lahore, Pakistan, •0092333-6238883• [suleman.faiz11@gmail.com](mailto:suleman.faiz11@gmail.com)

## CAREER OBJECTIVE

Proactive result driven professional seeking a challenging position in a Process Engineering to utilize qualifications and one year of power sector experience and deliver outstanding results by ensuring proper flow of project activities across all stages of the project

## CAREER SUMMARY

Dedicated Mechanical Engineer with 1 year rich experience and technical expertise at power sector to provide highest quality of management and technical support. Comprehensive engineering knowledge and skills on all aspects of equipment operation, maintenance, management and proven competencies enabling production of high quality cost-effective deliverables meeting client requirements.

### Projects:

- Assisted in handling of 70 million Rupees Overhauling project of 5.2MW Wartsila diesel Engine at Packages diesel power plant: Client Packages, Lahore
- Installation/commissioning of Lube oil separators at Packages diesel power plant: Client Packages, Lahore
- Repair/strengthening of 1300m<sup>3</sup> storage tank at Packages diesel power plant: Client Packages, Lahore
- Successfully working and have standard knowledge of ISO 9001-2015, ISO 50001-2011 and energy management plan.
- Skilled and experienced in conducting energy audits and delivering energy optimization targets at power plants.

## KEY SKILLS

- Operation & Maintenance Management, Root cause analysis, Troubleshooting, Commissioning, FEED
- Procurement, Budgets, Audit
- Energy Audit, Energy Optimization
- SAP, Creo Parametric 2.0, MATLAB – Working knowledge, AutoCAD, MS Office
- Leadership, Communication, Creativity, Flexibility & Adaptability

## PROFESSIONAL EXPERIENCE

**Assistant Mechanical Engineer / Trainee Engineer, November 2017 to date**  
**OMS Packages Ltd. Power Plants(Pakistan)**

### Company Profile:

- OMS is a company completely dedicated to the professional management of thermal and renewable power generation assets <https://www.omsltd.net>

### Deliverables Prepared:

- Budget Proposal, Project Plan, Overhauling report, Energy Saving Calculation Report

### Key Responsibilities:

- Executed engineering calculations related to equipment performance and installation.
- Designed and followed prescribed maintenance strategies, procedures and methods given in operation and maintenance manuals of all equipment's

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- Planned and Supervised the Maintenance work following the prescribed procedures, techniques and instructions given in the respective Operation & Maintenance Manuals of all equipment at Steam Power Plant, Diesel Power Plant
- Assisted in organizing effectively Periodic, Preventive, Corrective and day to day maintenance activities
- Ensured the availability of required spare parts, fuels, lubricants and consumables required to perform day to day and periodic maintenance work
- Maintained record of maintenance work performed, spares, consumables, chemicals consumed and respective balance stocks
- Assisted in developing the annual maintenance budget and submit for approval
- Monitored maintenance costs
- Determined the need for spare parts, lubricants, Oils, chemicals and other consumables. Followed up the purchase and procurement
- Maintained inventory level by creating purchase requisition of maintenance parts
- Evaluated the offers, quotations submitted by various suppliers and vendors
- Assisted the Plant Manager in technical issues regarding Mechanical components of plant
- Took necessary actions for the removal of water, steam, air leakages and any spillages at plant
- Energy Representative; coordinated with in the implementation of Energy Management System ISO 50001 and will be assisting in developing and maintaining all documentation at department's end
- Liaised with client departments, customers and other engineering and production colleagues
- Mentored internees during their internship with the company

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## INTERNSHIPS

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- **August 2016 (1 month):** Internee Engineer, DG Cement Company, D.G.Khan Pakistan – Prepared data sheet for inventory related to day-to-day production; prepared data sheets for daily and monthly production activities. Overlooked different sections of plant including boiler, coal power plant, waste heat recovery, Kiln, fuel power plant and packaging

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## ACADEMIC PROJECTS

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### Project – BE Final Year, October 2016 – July 2017:

- Effect of Pre and Post-heating on residual stresses in Arc Welded joints

### Term Project:

- **Product Development & Business Plan, May 2017 – July 2017** – Prepared business plan of a product; conducted literature survey on industry demand, competition, marketing strategy and risk assessment
- **Walking Spider, May 2016 – Jun 2016** – Designed and fabricated walking spider using 6-bar linkage system
- **Biomass Energy Model, March 2014 – May 2014** – Designed and fabricated biomass reactor to produce methane gas for domestic use

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## EDUCATION

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### **University of Central Punjab (UCP), Lahore campus, Pakistan**

Bachelor of Engineering (Honors) – Mechanical Engineering (2013 – 2017; July 2017) **CGPA: 3.49**

### **Government Post Graduate College, D.G.Khan, Pakistan**

Intermediate (Standard 12), Board of Intermediate & Secondary Education (BISE) D.G.Khan, **72%**

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## Divisional Public School & College, D.G.Khan, Pakistan

Secondary School Certificate (Matriculation), Board of Intermediate & Secondary Education (BISE)  
D.G.Khan, 72%

## CERTIFICATIONS

- 2018: Emergency Preparedness & Plans – PAK SAFETY SOLUTIONS (PSS), Lahore Pakistan
- 2017 – 2019: Registered Engineer – Pakistan Engineering Council (PEC), Pakistan

## HONORS & ACHIEVEMENTS

### Honors:

- **University of Central Punjab (UCP), Lahore campus, Pakistan**  
Dean's Honor Award for Excellent Academic Achievement (2013 – 2017)

### Achievements:

- **University of Central Punjab (UCP), Lahore campus, Pakistan**  
Silver medalist (2017) in annual competition

## PERSONAL INFORMATION

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| • <b>Birth Date:</b> 27 August 1995 (Age: 23) | • <b>Number of Dependents:</b> 4                              |
| • <b>Nationality:</b> Pakistani               | • <b>Languages:</b> English, Urdu, Punjabi, Saraiki           |
| • <b>Marital Status:</b> Single               | • <b>Hobbies &amp; Interests:</b> Cricket, Cooking and Acting |