

Muhammad Waseem Yousaf

B.Sc. Mechanical Engineer

+923054150850

yousafwaseem99@gmail.com

35202-4459191-5

H # 21/A, ST # 10, near ALI Masjid, KPSI school road, rachna town, shahdara, Lahore



Objective:

Seeking a position to polish my technical knowledge through exposure. I am willing to be a part of a well-esteemed organization with a strong culture to get an exciting and true experience of corporate world.

Academics:

B.Sc. Mechanical Engineering	UET Lahore	2013-2017	3.670/4.00
Intermediate	Govt. Islamia College Lahore	2011-2013	89% (976/1100)
Matric	Lahore Gems School	2009-2011	88% (925/1050)

Work Experience:

Trainee Engineer (I & QC) at Pak Elektron Limited (PEL)

13th June, 2017 – 3th January, 2018 | Lahore

- Inspection and Quality Check of Transformer welding and dimensions
- Ensure checklist of Pressure and Leakage test on the Transformer body
- Quality check of surface and painting of transformer body
- Testing of all material at material incoming stage
- Issue Inspection Report (IR) of final transformer and make testing reports



Internship at Pak Elektron Limited (PEL)

6th June, 2016 - 5th July 2016 | Lahore

- Project based internship
- Ensure the process of Gasket Extrusion and Door Foaming and Assembly with respect to Cost Saving, Delay Control, Risk and Hazard Controls
- Make an amended process layout in such a way that combine the Gasket and door assembly process that manual work not included in the process
- Time & Motion study of assembly line in manufacturing department

Projects:

Design and Analysis of Pressure Vessel according to ASME Standards section VIII Division I (Final Year Project)

- Calculations of vessel's thickness, support and Max allowable pressure
- Modeling of pressure vessel on COMPRESS
- Perform structural analysis on supports with the help of ANSYS

Investigate the effect of changing the shape of cross sectional area of beam (Prototype) keeping its value same for all cases and subjected to a same transient load with the help of ANSYS Workbench (Term Project)

- Create models of different cross sectional shapes on solid edge all the models are simply supported
- Perform Analysis with the help of ANSYS
- Analyze and compare the obtained results for different shapes

3-D Modeling on Solid Edge (Lab Project)

- Design the profile of tire and its threads
- Model the connecting rod, pin and piston according to dimensions on software and then assembled together

HVAC Design of Auditorium Complex, UET Lahore (Lab Project)

- Find the cooling load of building by Hourly Analysis Program (HAP)
- Redesign the ducting and reduced the losses

Skills:

- Computer Proficiency
 - ANSYS
 - Mat Lab
 - Hourly Analysis Program (HAP)
 - 2D-Drawing (Auto Cad)
 - Microsoft Office
 - 3D-Modeling (Solid Edge, Solid Work)
 - RET Screen Expert
 - Compress
- Strong traits include team work, flexibility, time management and problem solving instinct
- Good report writing and business communication skills

Extra-Curricular Activities:

- Member of American Society of Mechanical Engineering (ASME Student Chapter) (2013-2014)
- Engineering Documentaries, Movies and Web surfing
- Skill Knowledge and Ability Test (SKAT) (December, 2013)
- Badminton

Reference:

Will be furnished on demand.