



Abdul Muiez

Mechanical Engineer

Career Objective

Seeking a position as mechanical engineer that will allow me to utilize my technical skills and experience in making an organization successful.

Personal Information

Father Name	:	Shahid Mehmood
Date of Birth	:	May 23, 1994
National ID No.	:	35302-6592854-9
Passport No.	:	BP0918541
Mobile No.	:	+923356863048
Email	:	abdulmuiez14@yahoo.com
Present Address	:	House # D-21 Thermal Power Station Colony, Muzaffargarh
Nationality	:	Pakistani

Education

BSc Mechanical Engineering (PEC # MECH/32787)	2012 - 2016
Mohammad Ali Jinnah University (MAJU), Islamabad Campus, Pakistan	
CGPA: 2.90/4.00	Percentage: 72 %

FSc (Pre-Engineering)	2010 - 2012
Sardar Kaurey Khan Public higher Secondary School, Muzaffargarh, Pakistan	
“DG-Khan Board”.	
Marks: 790/1100	Percentage: 71.8 %

Matriculation (Science)	2008 - 2010
Sardar Kaurey Khan Public higher Secondary School, Muzaffargarh, Pakistan	
“DG-Khan Board”.	
Marks: 930/1050	Percentage: 88.57 %

Final Year Project

Design and manufacturing of 1 hp centrifugal pump and also design and fabricate system required to run 1 hp pump using solar energy.

Description:

In this project we created structural model of pump on CREO and used different techniques in pump designing like FEA and CFD techniques by using these techniques we performed design analysis on ABACUS and ANSYS software's. More over the purpose of solar powered pump drive motor was to encourage people to use solar energy for electricity because solar energy is very economical in long term perspective and less impact on environment.

Work Experience

Trainee Mechanical Engineer (Maintenance Dept.)

MAN Energy Solutions, Pakistan

April 04, 2017 – Present

- Working on MAN B&W 11× 18V48/60B engines (major overhauling included 6K/12K/18K/36K/42K/48K/54K maintenance on MAN engines in **Atlas Power Plant combine cycle 225 MW**).
- MAN engine turbocharger (TCA 77) and torsional vibration damper maintenance and engine auxiliaries maintenance included Westfalia separator (Type OSD-35 and OSD-60), multistage starting air compressors, working air compressors, auto-filters, duplex filters, heat exchangers, Valves, different types of pumps (centrifugal, screw, pneumatic, diaphragm and gear pumps).
- Engine different parts inspection by using different techniques (DPT, boroscoping, stroboscopic and vibration analysis etc.)
- Turbine maintenance including GV and TV valves, bearings and its coupling.
- Turbine other system inspection and maintenance like Lube oil system, cooling systems, governor etc.

Internee Mechanical Engineer

Thermal Power Station, Muzaffargarh, Pakistan (1320 MW)

03 Months

- Worked on turbine operations and maintenance, different parts of turbine including valves, pre-heating systems, lube oil systems, main bearings, thrust bearing and turbine mechanical governor system.
- Participated in boiler annual inspection and also worked on boiler different components including economizer, air pre- heaters, safety valves, fuel burners, pilot burners, ID and FD fans and fuel systems.
- Worked on boiler feed water pumps and different other pumps (reciprocating, Screw and centrifugal types).

Trainings

- Attended turbine training from MAN Prime Serv, Pakistan.
- Attended training of turbocharger (TCA 77) MAN Energy Solutions, Pakistan.
- Attended HSE training.
- Attended training in assembly workshop of fuel injection pumps.
- Attended training in assembly workshop of 48/60 and common rail engines.
- Attended MAN Diesel and Turbo Fork lifter training.

Professional Skills

- O&M of turbine.
- O&M of engines.
- Modeling and design analysis software's skills.
- NDT inspection, boroscoping inspection, stroboscopic inspection and condition monitoring / vibration analysis.
- Team leading skills

Software Skills

Auto CAD
ANSYS
CREO

ABAQUS
MATLAB
Microsoft Office