



Zulkifal Ali

Mechanical Engineer

A motivated graduate engineer seeking to join a reputable organization that utilizes potential and promotes growth in a professional and technical manner.

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WORK EXPERIENCE

Trainee Engineer PIONEER CEMENT LIMITED

10/2017 – Present

District Khushab, Pakistan

Achievements/Tasks

- Maintenance of Ball Mill ,Vertical Raw Mill and Roller Press Systems.
- Maintenance of Bucket Elevators both chain type and belt type.
- Maintenance of induced drafts fans.
- Inspection of all the equipment of a particular area of plant on daily basis.
- Highlighting and generating the work orders of all the maintenance issues regarding the plant.
- Formation of detailed shutdown activities of whole plant.
- Supervision of all maintenance activities during a shutdown.
- Handing and taking over of the whole plant immediately after the shutdown.

Intern MOL

07/2016 – 08/2016

Karak, KPK

Achievements/Tasks

- Understood the functionality of plant alongwith the logistics operations.
- Understood the logistics operation. Observed and practiced the operations that a bowser has to undergo when it enters the plant.
- Understood the office work which includes the challan filling and the permit preparation.

EDUCATION

Bachelors of Mechanical Engineering HITEC University, Taxila

09/2013 – 08/2017

SKILLS

Creo

CNC Simulator

Autocad

ANSYS APDL

ANSYS FLUENT

Microsoft Office

ENGINEERING PROJECTS

Design and Fabrication Of Small Scale Solar Steam Generator(Final Year Project).

- It is a mechanism consisting of a pipe(receiver) placed in the focus of a parabolic trough.
- The temprature of the working fluid present in the receiver rises and heat transfer takes place between water and working fluid in heat exchanger.
- High temperature difference results in the formation of steam.

Design and Fabrication of Drum Brake Mechanism.

- It is a brake mechanism manufactured by creating a card-board prototype to understand the correct dimensions that would work for the mechanism.

Fabrication of obstale detecting Car via Logic Gates.

- Using Logic gates and motor drivers, fabricated a car which detects the hurdle and follows a particular path assigned to it.

Simulation of Aeroplane using CREO.

- Using drawing techniques and different tools a simulation of fokker was made as a semester project.