



MUHAMMAD AWAIS KHAN

MECHANICAL ENGINEER

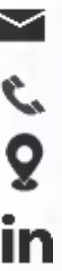
PEC REG# MECH 41074

awaiskhan3230@gmail.com

+92 306 5150621

Mianwali, Pakistan

<https://www.linkedin.com/in/muhammad-awais-khan-720a8a171/>



Aligning passion with goals to sustain a steady work ethic based on determination and integrity. Extensive understanding and 2+ years of experience in Project execution and Operation & Maintenance of power plant.

WORK EXPERIENCE

○ Trainee Engineer

KAPCO Power Company (1600MW Combined-Cycle Power plant)

11/2019–11/2020

Kot Addu, Pakistan

Achievements/Tasks

- Working principle of turbine, Description of parts and function, Design and analysis of turbine.
- Startup sequence of increasing compressor spin to reach firing speed, ignition, turbine acceleration to self-sustaining speed, synchronization and loading.
- Safe startup & shutdown of units and loading/unloading as per system requirement and handling emergencies. IGV control and monitoring, Trip oil system to ensure safety in case of emergency.
- Maintenance activities on Lube oil system, Hydraulic oil system, Atomizing air system, Cooling and sealing system, Steam flow and control, Bypass system, Condenser vacuum system, Circulating water system, HRSG system, Balance of plant.
- Coordination with maintenance departments for carrying out planned/breakdown maintenance activities.

○ Site Engineer

Alnoor Engineering Contractors (Contractor Luck Cement Pant)

12/2018–10/2019

Lucky Marwat, Pakistan

Achievements/Tasks

- Erection & Fabrication: Drawing works, Invoice making (BOQ's), Salaries Documentation & handling Dealing with Clients, In charge of all technical & business development on site & off site.
- Erection of mixed storage, auxiliary storage and coal storage pre-blending space-frame sheds, Erection of Stacker & Reclaimer, Planning and execution of safe site operations. Safe startup & shutdown of units and loading/unloading as per system requirement and handling emergencies. IGV control and monitoring, Trip oil system to ensure safety in case of emergency.
- Monitored team personnel during construction activities for compliance with health and safety requirements, determined effective approaches to project by planning, reading, analyzing & implementing blueprints and plans.

○ Internee

Agritech Fertilizer Limited (Pak-American Fertilizer Limited)

06/2018–12/2018

Daud Khel, Mianwali

Achievements/Tasks

- Worked in a maintenance department and carried out predictive and breakdown maintenance.
- Hands on experience of maintenance of PD pumps, centrifugal pumps, valves other mechanical equipment.
- Daily and weekly inspection activities and rounds for filling the log sheets to ensure the proper working of mechanical equipment.

EDUCATION

○ Bachelors of Mechanical Engineering

International Islamic University

09/2014–08/2018

3.01/4.00

○ FSC (Pre Engineering)

Punjab Group of Colleges

06/2012–09/2014

76.01%

○ MATRICULATION (SCIENCE)

The City School KAPCO Chapter

06/2010–07/2012

91.7%

SKILLS

AutoCAD

SolidWorks

Primavera P6

MS Word

MS Excel

MS Project

MS PowerPoint

Engineering Drawings

ORGANIZATIONS

Member of Pakistan Engineering Council (PEC)

02/2019–Present

INTERESTS

- Oil & Gas
- Construction Projects
- Energy
- Planning