

AHMED SHAHZAD

BSc/BE Mechanical Engineer

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Current Address: Al Ain, United Arab Emirates

Permanent Address: Wazirabad, Pakistan



PROFILE SUMMARY

Mechanical Engineer with sound technical knowledge and experienced in Management and Hands-On professional work of **Maintenance / Operation / Installation / Service** related to

Ammonia – Urea Fertilizer Complex

(Urea Fertilizer Processing Plant, Power Plant, Water treatment & cooling plant etc.)

Food Processing Plant – Utilities

(Ammonia Refrigeration, Chilled Water, Potable Water, Compressed Air, Steam, HVAC&R)

PROFESSIONAL CAREER (3.5+ years)

Junior Mechanical Engineer

Al Ain Farms For Livestock Production (AFLP), United Arab Emirates

Feb 2016 – Present

Management Trainee – Plant Maintenance

Fauji Fertilizer Company Limited (FFC), Pakistan

Oct 2014 – Oct 2015

مزارع العين



Al Ain Farms



EXPERIENCE HIGHLIGHTS

- Management and Hands-On execution of maintenance & operational activities including preventive, corrective and breakdown maintenance and emergencies at plant
- Development and implementation of maintenance plans, procedures and checklists employing standard practices
- Planning & scheduling day to day activities ensuring 24/7 availability of maintenance staff
- Performing technical analysis, evaluations and preparing related reports and presenting to higher management
- Small scale project execution and coordination involving estimation, installation and startups activities
- Management of maintenance budget, contracts, inventory stock, material inspections and efficient use of resources
- Inter-department coordination and cross-functioning for implementation of company policies and achievement of business targets with sustainable growth

Have exposure to routine maintenance and troubleshooting breakdowns of rotating machinery and static equipment in processing industries during normal plant operation as well as major overhauling during plant turnarounds

- Steam turbine, Gas Turbine, compressors and pumps with auxiliary equipment of varied design, type and capacities (up to 16 MW) of renowned brands like Siemens, Nuovo Pignone, Worthington, Atlas Copco, Kaeser and Vilter
- High pressure water, steam and process piping & fittings (up to 105 bar)
- Process reactors, Cooling towers, heat exchangers and other mechanical equipment like gear boxes, fans, mechanical seals, bearings, couplings, conveyors and belts etc.
- Chillers, freezers, heating and air-conditioning equipment of different designs and capacities (up to 300 TR) of brands like Carrier, Bitzer, Danfoss, Copeland and SKM providing temperatures ranging from +40 to -20 Celsius
- Fire tube steam boilers and feed water treatment equipment (10 bar @ 15 T/Hr. plant)
- Functional and handy knowledge about associated electrical equipment and controls like motors, control panels, distribution boards and control instrument
- Know-What : ASTM, ASME, SAE, ISO, ASHRAE, API, OHSAS

EDUCATION

BSc / BE Mechanical Engineering

2010 - 2014

University of Engineering & Technology (UET Lahore), Pakistan

- Registered with Pakistan Engineering Council
- 3.60 / 4.00 CGPA

COMPUTER SKILLS

- SAP (PM)
- Solid Edge
- MS Office
- Auto CAD