

ATIF SHABBIR

MECHANICAL ENGINEER

Language: English & Urdu
Current Location: G-1/16 A Gulfishan Society Malir Halt Karachi
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CAREER SUMMARY – OBJECTIVE

To work passionately in a stimulating environment where I can apply and enhance my knowledge and skills to serve the firm to the best of my efforts. Having a blend of Engineering and Managerial abilities, I'm a professional whose spark can make others perform great too.

PROFESSIONAL EXPERIENCE

Atlas Metals (PVT) Limited, Pakistan (January 2018 – Present) (Assistant Manager Technical Division)



- Routine maintenance and trouble-shooting of machines situated at Polymer, Lead and Aluminum recycle plants and their utilities.
- Assist the HOD in preparation of Annual preventive maintenance schedule.
- Ensure all maintenance records (SOPs, ISO Docs & PM Cards) are maintained.
- Responsible for technical coordination with procurement department, before and after receiving the spare of inventory.
- Implementation of HSE system inside the company.
- Assist the HOD in preparation of contracts and agreements and verification of invoices for project & maintenance works.
- Coordination with vendors, suppliers and OEM for purchase and installation of equipment.

Tapal Energy Limited, Pakistan (January 2017 – January 2018) (Trainee Engineer- Power Generation)



- 12x11.34 MW Wartsila Diesel Engines (Running on HFO) with MAN turbochargers.
- Understanding the P&IDs of plant including fuel system, lube oil system, cooling water system, air system, steam system and fire-fighting system.
- Understanding of plant operations including startup, shutdown, plant island mode, equipment changeover and condition monitoring.
- Understanding of Fuel and Lube Oil Purification units, RO unit, Auxiliary and Waste Heat Recovery Boilers.
- Understanding of Reciprocating compressors and pumps, screw pumps, centrifugal pumps and pneumatic pumps.
- Hands-on participation in scheduled and breakdown maintenance activities of engines and their auxiliaries and managing inventory, CMMS, daily and monthly reports.

INTERNSHIPS

Karachi Shipyard & Engineering Works (January 2015) (Engineering Intern)



- Observe different activities, i.e. Welding inspection and Nondestructive Testing.
- Radiography of Steel Sheet to identify defects.
- Manufacturing of Oil Tanker Ship, collaboration with China & Turkey.

- Machining operations
- NDT Testing Methods
- Composite Material Maintenance Department
- Engine overhauling

PROJECTS

- Study the behavior of spring mass system if mass is attached on a spring which are in series & parallel combination.
- Design and manufacturing of 6 link kinematic chain.

FINAL YEAR PROJECT:

Design & Fabrication of Solar Adsorption Refrigeration System.

EDUCATIONAL CREDENTIALS

- **B.E (Mechanical) (3.28)** from *NUST-PNEC Karachi, in 2016*
- **F Sc (Pre-Engineering) (86.55 %)** from *Bahria College Karsaz Karachi, in 2012*
- **SSC (Science) (83.43 %)** from *Minhaj Model School Karachi, in 2010*

HONORS & ACHIEVEMENTS

- Awarded NUST Merit scholarship for securing 3.5+ GPA in Semester V.
- Awarded Scholarship in 2011 for securing 'A+' in 1st year (Pre-Engineering) from Bahira College Karsaz.
- Excellent award in 2010 & 2012 for securing 'A+' grade in SSC & HSSC from Fauji Foundation.

PROFESSIONAL TRAININGS

- Certificate in Information Technology (CIT)
- Trained in manual Machining including Lathe, Milling, Drilling & Hand Tooling.
- Permit to Work (PTW) & Lock Out/Tag Out (LOTO) Training & implementation

ADDITIONAL SKILLS

- Efficient Team player & Team building skills
- Time Management
- Highly energetic and self-motivated resource.
- Creative problem-solver and achiever with convincing skills.
- Excellent communication & leadership skills.
- Apt command on MS office applications.