

BASIT ALI

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CAREER OBJECTIVE:

A graduate in **Mechanical Engineering** Technology with over **7** years of diverse industry experience, initially in the mechanical field and now specializing in Health and Safety across Grid Stations, Transmission Sites, Power Plants, and Construction Projects. Certified in **NEBOSH (IGC)** in Occupational Health and Safety. Seeking a challenging role in a high quality engineering environment where my diverse experience, strong analytical skills, and commitment to safety excellence can enhance workplace safety, compliance, and operational efficiency.

SKILLS:

- Risk Assessments
- Process Safety & Industrial Safety
- Workplace Compliance & Audits
- Incident Investigation & Root Cause
- HSE Training & Awareness Programs
- Problem Solving
- Teamwork & Decision Making
- Time Management
- Effective Communication

ACADEMIC BACKGROUND:

- **Graduation - B. Tech Mechanical** **2023**
Indus University, Attested from **HEC**
- **Diploma of Associate Engineering - DAE Mechanical** **2018**
St. Patrick's Institute, Attested from **SBTE**

PROFESSIONAL EXPERIENCE:

HSE OFFICER – Generation & Transmission

K-Electric Dec 2022 – Present

- Organized and delivered comprehensive HSE training sessions for all Generation & Transmission departments on newly developed Standard Operating Procedures (SOPs).
- Ensured compliance with regulatory authorities such as NEPRA (National Electric Power Regulatory Authority) and other applicable safety standards.
- Conducted thorough incident investigations, and corrective action planning to prevent recurrence.
- Participated in internal HSE audits and site risk assessments to identify safety gaps and recommend improvements.
- Presented HSE performance reports to senior management and actively participated in B-Level safety committee meetings.
- Implemented Process Safety Management (PSM) and DuPont methodologies to identify potential hazards, assess risks, and develop appropriate control measures.
- Managed monthly HSE performance data, including TRIR, MMR, PIRR, training records and safety KPIs.
- Supervised and ensured contractor compliance with safety standards through pre-job briefings and on-site monitoring.

PREVIOUS EXPERIENCES:

SAFETY INSPECTOR – BQPS-III 900MW CCPP (Construction Project)

K-Electric Oct 2021 – Nov 2022

- Actively participated in (PSSR) meetings to ensure all safety requirements, risk assessments, and compliance checks were completed before commissioning new equipment or systems.
- Conducted safety inductions for new employees, contractors, and visitors, covering emergency procedures, PPE usage, and site-specific safety protocols.
- Conducted routine site inspections, safety audits and risk assessments, ensuring compliance with safety standards.
- Reporting daily observations, near misses, and incidents promptly and ensuring timely corrective actions were taken.
- Assisted in fire drills, ERP training and ensuring the workforce was well prepared for critical situations.
- Collaborated with contractors and cross functional teams to implement control measures, Permit-to-Work (PTW), and Lockout/Tagout (LOTO) for hazardous tasks.
- Maintained records of safety inspections, incident investigations, and compliance reports for internal and regulatory audits

MECHANICAL TECHNICIAN – KPC 248MW CCPP

K-Electric Sept 2019 – Sep 2021

- Performed annually maintenance of GE LM6000 Gas Turbine & GE MC9 Steam Turbine.
- Conducted routine maintenance of plant auxiliaries, including chillers, pumps, compressors, filters, heat exchangers, and wastewater treatment plants.
- Perform maintenance, such as fixing various types of valves, sealing gland leaks, and tightening pipe joints.
- Worked closely with international engineers and technicians to enhance technical skills, adopt industry best practices.

Jr. MECHANICAL TECHNICIAN

Synergy Corporation May 2018 – Aug 2019

- Ensured smooth operation and functionality of diesel generator coupling and assembly components.
- Verified and documented the quantity and quality of incoming and outgoing goods.
- Conducted routine maintenance activities on light-duty diesel engines to keep them in optimal condition.

PROFESSIONAL CERTIFICATIONS:

- **NEBOSH IGC** from Abacus International Training Institute - **2025**
- **Fire Safety** from Oxford Home Study Centre - **2023**
- **5s** from United Nations Association of Pakistan - **2021**
- **IOSH Managing Safely V5.0** Cardiff School of Certified Professionals - **2020**
- **Confined Space, Scaffolding and Electrical Safety** from Zeal International Training Centre - **2020**
- Short course in **Mechanical Machinist** from Aman Training Institute - **2018**
- Skill Proficiency Certificate in Basic **Metal Machining** from City & Guilds – **2018**
- **Auto Cad** in Mechanical from Memon Industrial & Technical Institute - **2016**

ACHIEVEMENTS:

- Certificate of appreciation from the department in recognition efforts in actively participating Safety Week - **2023**

References:

Available upon request.