

# **AWAIS AHMAD**

**HSE Officer, Mechatronics Engineer | Total Experience: 5 Years**

**Approved bodies:** Dubai Aviation Engineering Projects (DAEP), DEWA<sup>1</sup>

**Educational Qualification:** B.Sc. Mechatronics Engineering

**Key Skills:** Risk Assessment, HSE Planning, Maintenance Management.

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**Current Location:** Abu Dhabi, UAE

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## **Summary of Career**

- Mechatronics Engineer having 5-year HSE and maintenance management & operation experience & having diverse knowledge in preventive and corrective maintenance. Have strong knowledge in developing a Health and Safety system for an organization.
- A confident, multi-skilled, and methodological individual with a passion for engineering in general and Mechatronics, particularly with additional knowledge of Health and safety with certification from IOSH and NEBOSH, I am interested in new and innovative developments in the field to further improve my knowledge and expertise.
- My objective is to find a suitable training environment in a reputable organization where I can contribute to the success of the organization while simultaneously refine my skills and knowledge in a practical and professional environment.
- Diverse knowledge in developing process control systems, appliances, methods, and procedures to ensure worker safety and health, either in-built or as external precautionary measures like using the right tools, protective clothes, etc. Develop safety reference manuals for new workers to understand and apply.
- Inspecting a building for fire safety and enforcing safety standards. Inspect scenes of fire or accidents to identify causes or discover significant findings. Manage the incident and ensure the continuing safety of themselves, bystanders, and the casualty.
- Monitor and interpret changing regulations and provide comprehensive assistance to the location management.

## **Major Projects**

- Handling leading Confidential Defence Production unit based in Abu Dhabi, UAE.
- Handling Facilities Management and P6 contracts- Mall of Emirates, Dubai, UAE.
- Rectification and Upgradation of PCA Units, Royal Air Wing (Hanger 1&2), Dubai International Airport.
- Seawater Reverse osmosis, Plant in DEWA (Dubai Electric & Water Authority) Jebel Ali Power Station.
- Proposed Modification in existing 10 Villas (G+1), Jumeirah 1, Dubai, by Al Ghurair Real Estate.
- G+2 Labour Accommodation for Al Salam International on Plot No. 598-994 at DIP.

## **Major Roles in Various Organizations**

- HSE Engineer – Al Maeer Inspection and Engineering Technical Services– Abu Dhabi, UAE - Sep 2022-On Going
- Inspector- HSEEQ – Enova Facilities Management Services LLC– Dubai, UAE - Sep 2021-August 2022
- HSE Officer- Contech Expert Building Contracting LLC -Dubai UAE - Nov 2019 – July 2021
- Maintenance Engineer – Shah’s Brothers and Company, Peshawar – Pakistan - Aug 2017 – Nov 2019  
(Details on next page)

## **Education**

- B.Sc. Mechatronics Engineering-University of Engineering and Technology, Peshawar, Pakistan. -2013–2017
- NEBOSH International Diploma for Occupational Health and Safety Management Professionals- NEBOSH, United Kingdom - In Progress

## **Certification**

- NEBOSH IGC Highfield Level 2 International Award in Fire Safety
- IOSH Managing Safely Certification Highfield Level 2 International Award in Risk Assessment
- First AID Training AutoCAD -Ministry of Information and Technology, Pakistan

## **Computer Skills/Software Skills**

- Packages: MATLAB, HVAC, and Air compressors, Embedded systems, Robot Operating Systems (ROS), Solid Works, AutoCAD
- Utilities: MS Excel, MS Word, MS Project, MS PowerPoint.
- Soft Skills: Maintenance Management, Risk Assessment, HSE planning, Safety-conscious, Engineering Drawing, Document Management, Strong Verbal Communication, Analytical Thinking.

## **Seminars /Training**

- IOSH Managing Safely Certification – IOSH –IOSH, UK.
- ISO 45001:2018 OH&SMS - Hazard Identification Methods & Techniques, 2 CPD Points –Dubai UAE
- Highfield Level 2 International Award in Risk Assessment –Dubai UAE
- Highfield Level 2 International Award in Fire Safety –Dubai UAE
- Drilling basics, Hoisting System, PTW Circulating System, Rotating system, Engine & Generator, BOP Air Hoist–3 days’ workshop Arranged by KPOGCL-Khyber Pakhtunkhwa Oil and Gas Company Limited. –Peshawar Pak

<sup>1</sup> Dubai Electric and Water Authority

## Employment Records

**Name of Company** : **Al Maeer Inspection and Engineering Technical Services | Abu Dhabi UAE**  
**Job position** : **Health and Safety-HSE Engineer**  
**Year** : **September 2022 – On Going**

- To recommend control measures and research on the standard of Personal protective equipment.
- Conduct health and safety inspections and prepare reports of all the company's operations.
- To carry out investigations into all accidents and near-miss incidents and to record the findings on the relevant forms.
- To highlight areas where training/certification is required to meet the standards imposed by Legislation, Approved Codes of Practice, or H.S.E. guidance. Participates in the development of Health and Safety internal policies, procedures and working practices. Prepares and maintains inspection records and produces reports that suggest improvements
- Researched and Co-ordinated on a range of specialist areas including fire regulations, hazardous substances, noise, safeguarding machinery and occupational diseases. Provides immediate support and assistance in the event of an emergency
- Maintains a working knowledge of Health and Safety best practices and industry policy changes

**Name of Company** : **ENOVA Facilities Management Services L.L.C | Dubai UAE**  
**Job position** : **Inspector – HSEEQ2**  
**Year** : **September 2021 – August 2022**

- Handling Facilities Management and P6 Contracts at Mall of Emirates, Mall of the Emirates is a shopping mall in Dubai. Developed and owned by Majid Al Futtaim Group. Enova Is Joint Venture of MAF and Veolia<sup>3</sup>
- Deployed end-to-end safety controls to ensure compliance with Health, Safety and Environmental standards by engaging in the certification, recertification and surveillance audits of ISO45001 and ISO14001. Acted as HSE lead for engineering, procurement & construction (EPC) proposals
- Reviewing Contractor and Vendor HSE plans, and procedures developed for the respective operations and phases.
- Identifying of HSE hazards, evaluation of risks for all activities and development of effective measures/tools to manage and reduce these risks, Adhere to all the rules and regulations. Prepare educational seminars and webinars on a regular basis. Review existing policies and procedures. Track HSSE performance and Identify areas for continual improvement.
- Execute and Maintain HSSE plans and programs to ensure compliance to legal requirements and other requirements for the location. Oversee the day-to-day operations of the location and actively provide HSSE support and coaching to all functions.
- Document records of inspections, findings, actions and status. Monitor and follow up with Management and interested party on action plans to correct any HSSE hazards or concerns. Developed and Conduct regular HSSE meetings and trainings to meets location HSSE objectives. Plan, Coordinate and Conduct Emergency Drills for the location.

**Name of Company** : **Contech Expert Building Contracting L.L.C | Dubai UAE**  
**Job position** : **HSE Officer**  
**Year** : **November 2019 – July 2021**

- Act as subject matter expert regarding safety, health, and environmental concerns, and assist employees including management and supervision. Preparation and review of HSE Plans, risk assessment, HSE procedures.
- Performed as integral support of site projects by providing technical support and Co-ordinated with the team on resolving potential risks and issues. Manage and assist with the development and implementation of site-specific safety procedures and programs as assigned. Ensures the Site Safety and Health Plan is prepared and implemented.
- Mitigate business risk by managing various processes, including subcontractor management, performance appraisals, audits, and root cause analysis as per government safety regulations, client requirements and industry standards.
- To assist the Facility Manager in the development and implementation of a behavioral-based approach to safety
- Responsible for monitoring and assessing hazardous and unsafe situations and developing measures to assure personnel safety. Ensure that site HSE records are produced and recorded per company procedures and standards. Monitor and recommended on all aspects of HSE activities on the Construction Site.
- To develop and implement a safe system of work on the task area on site. Keep a permanent record of all injuries and damage at the site. Conduct periodical inspection of vehicles, equipment, tools, and firefighting facilities, etc.; and monitor the action points at the worksite, and render necessary guidance to Engineers/ Supervisors/ Workers during the site inspection.
- Identify need for skills improvement of staff in incident investigation and case management, and conduct training sessions to achieve desired company goals.

**Name of Company** : **Shah's Brothers and Company | Pakistan**  
**Job position** : **Maintenance Engineer**  
**Year** : **August 2017–November 2019**

- Researched, designed, evaluated, installed, operated, and maintained mechanical products, equipment, systems, and processes to meet requirements, applying knowledge of engineering principles.
- Worked on various types of Chillers (scroll, centrifugal and rotary screw chillers) and HVAC system (single split system, multi-split system, and VRF System Variable Refrigerant Flow). Prepared monthly and annual maintenance reports. Worked on designing **Maintenance Management system for Karachi Shipyard & Engineering Works Ltd.**

<sup>2</sup> Health, Safety, Environmental, Energy & Quality

<sup>3</sup> Veolia, is a French transnational company with activities in three main service and utility areas traditionally managed by public authorities – water management, waste management and energy services.