

## MUHAMMAD ARSHAD PROJECT MANAGER/ COORDINATOR

### Personal, Educational and Language Details:

Pakistani Mechanical Engineer, graduated Bachelor of Mechanical Technology in 2002 from the University of Engineering & Technology, Lahore, Pakistan and graduated MSc in Project Management in 2016 for Comsats, Islamabad, Pakistan specialising in Project Management, Coordination and QA/QC with more than 16 years continuous professional experience and over 6 years with FAEC. Mother tongue is Urdu and fluent in written and spoken English.

### Key Skills:

16 years in the engineering design industry with consultants and clients. Skilled mechanical design engineer with extensive project design manager experience, coordination of design with other disciplines and more recently in project management and quality assurance and quality control on building & Infrastructure projects.

### Experience:

#### **2014-present: Fahd Alireza Engineering Consultants, Saudi Arabia – Project Manager/ QA/QC Coordinator:**

Project Manager/Co-Coordinator for architectural and engineering projects for the Royal Commission, Yanbu for industrial and community areas. Responsibilities include overall project management for the studies/ design and engineering work; conducting review meetings with clients; preparing progress reports; review of scope and programs and prepare the list of deliverables and man-hour estimation; leading internal discipline design coordination reviews; project planning and scheduling; conducting the weekly/monthly and situational coordination meetings; monitoring the progress, status, work assignments to the engineering leads; managing site visits for infrastructural related work to verify the site conditions/as built data and topographic surveys; coordination meeting with the clients for future projects/tasks and associated clarification meetings. Conducting the VE, HAZOP and risk assessment workshops.

#### **2008-2014: Al-Jazirah Engineers and Consultants, Saudi Arabia – Assistant Project Manager/ Station Manager:**

Responsibilities included design and engineering for infrastructure, architectural, structural, civil, electrical and mechanical design disciplines for commercial, industrial and residential buildings; coordinate with clients for projects (Royal Commission, Saudi Aramco, Marafiq, Saudi Port Authority and other clients); review project scope, prepare cost proposals, man-hours calculation for study, design and construction management; planning and scheduling of work and resource planning, preparation of design analysis and code compliance reports; detailed design for civil, architectural, structural, landscape, electrical and mechanical design disciplines; ISO-9001-2008, Branch Management Representative.

#### **2005-2007: Saudi Aramco via BHHCO – Project Engineer MEP:**

Responsibilities included review the design packages for code compliance related to mechanical, HVAC, medical pumping system, medical air compressors, direct digital control system and BMS system; construction management for BI&NDE project; installation of back-up power systems, packaged substations; preparing estimates for project funding release BI&NDE; responsible to prepare the 5years plans for up gradation of mechanical systems for area DU-7, Dhahran; project planning, scheduling and controlling through to completion; managing stakeholders involved in different projects; preparation of project milestones, SOW management; conduct the site inspections and/or site investigation for Dhahran Health Center Projects and walk through for MCC; SAP role for Logistics & Finance(IW32).

#### **2005-2005: HYNEK Gas Company, Pakistan – Mechanical Engineer:**

Duties and responsibilities included provision of preliminary and final Cooling and Heating Load Calculations of HVAC projects and to provide consultancy to clients related to projects; equipment selection, initial capital and running cost estimation; system designing, provision of drawings for the execution of project equipment foundations, duct and piping system design; selection of hydraulic equipment; provide backup support to manufacturing department; keep service manuals for chillers; prepare safety manuals related to ammonia gas applications; installation work - chillers, piping, pumping systems, ducting and units.

#### **2002-2004: White Cell, Pakistan – HVAC Engineer:**

Duties included heat/cooling load calculations for commercial and industrial buildings; duct and pipe design; design and installation of chilled water system including pumping systems and accessories; design of special ventilation systems ; selection and installation of low and medium pressure steam boilers, pumps, valves, chillers and compressors for process and building heating system; design and Installation of drinking water supply and compressed air systems; supervise TAB/commissioning work.