Muhammad Ali Khan

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# Career Objective

Looking for a position at senior or higher middle management level, where my engineering education, experience and my business & finance education together can be applied for the growth of employer’s business as well as carry my professional career to new heights.

# Career Summery

Nearly thirty years’ experience in different areas of FM, MEP, and HVACR, worked from core skill level to management up to the position of Operation’s Manager.

Having worked in operation & maintenance, installation and design. Knowledge of core design concepts, practices, calculations & analysis software and installation of complete projects at leading role provides me a strong understanding and ability to analyze operation of systems, equipment and methodology for preventive maintenance. At other hand experience in design and operation & maintenance, enable me to be more effective on installation projects.

One third of my experience is of UAE in different MEP contracts.

Here in UAE, I worked as Project Manager and Operation’s Manager in Al Mariah United group was managing all contractual responsibilities of projects in Abu Dhabi western Region (Now known as al Dhafra region) that including all Hospitals and clinics of SEHA Al Gharbia.

Currently working in Al Mariah United Group as operation’s manager projects at its engineering division.

# Experience

**Al Mariah United Group (Engineering Division)**

**United Arab Emirates,**  2018 to Present

**Operation Manager Projects**

* Managing engineering operations at projects.
* Attending regular performance evaluation meetings with client.
* Managing resources, sub-contractors, spare parts, staff etc.
* Conducting operational assessment of systems and equipment periodically or when required making a comparison with desired operational parameters.
* Providing Technical and contractual guidelines to project managers and engineers.

**Refair Engineering**

**Karachi, Pakistan**  2017 to 2018

**Engineering & Business Consultant (contractual)**

* Designing and managing installation of centrally air conditioning system that include preparation of drawings, equipment selection and BOQ documentation.
* Preparation and estimations for tender, that including material estimation from drawings, obtaining rates from suppliers and sub-contractors.
* Reviewing of system drawings for cost reduction and performance enhancement.
* Analyzing financial statements.

**Al Mariah United Group**

**Abu Dhabi, UAE** 2010 to 2017

**Project Manager & Operation’s Manager**

* Study of tender documents for system and equipment under tender and estimation of required spare parts, tools and equipment.
* Attending tender site visits and meetings.
* Study of tender documents for sub-contractor requirement and qualification.
* Preparation of Job description for the required staff.
* Documentation for project take over and mobilization.
* Meetings, written and email communication with client before and during the takeover of project.
* Preparation of requisitions for the required spare parts, tools, measuring instruments and equipment. Coordination with purchase for the delivery of these at project on time.
* Preparation and pricing of snags.
* Preparation for the required staff, coordination with HR, interviewing candidates, training and preparing staff for client interview.
* Hiring of required subcontractors and facilitating them at the project.
* Preparing of operational plan, operational physical quantities and parameter data collection forms and get them approved from client.
* Preparation of formats for performance reports and get them approved from client.
* Coordinating with project managers and engineers at projects for allocating staff responsibilities and duty schedules before project take over.
* Meeting, written and email communication with out-going contractor.
* Study of installation tenders for required material and sub-contractors.
* Scheduling work for installation.
* Designing systems and doing equipment selection when required.

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**Pakistan Cables Limited**

**Karachi, Pakistan** 2006 to 2010

**HVAC Engineer**

* Scheduling preventive maintenance of all refrigeration and air conditioning systems and equipment installed for process cooling.
* Scheduling preventive maintenance of air compressors and steam boilers and steam generator.
* Scheduling preventive maintenance of comfort air conditioning systems and equipment installed at production offices and head office complex that was inside factory premises.
* Managing break down maintenance activities.
* Estimating required spare parts, their costing and determine minimum and maximum levels of inventory for each spare with purchase and stores department.
* Designing to provide process air conditioning and / or refrigeration requirements of production machines being installed.
* Selection of required air conditioning, refrigeration equipment, boilers air compressors etc.
* Preparing BOQ for purchase of equipment, and for hiring services of contractors.
* Preparing preventive, break downs and down time reports.
* Preparing budgets for new installations and preventive maintenance.

**General Air Conditioning**

**Karachi, Pakistan** 2004 to 2006

**Project Engineer**

* Installation of complete HVAC system at Lavish Shopping Mall satiated at main commercial area of city.

**Shahnawaz Engineering Private Limited**

**Karachi, Pakistan** 2002 to 2004

**Site Engineer**

* Installation of complete HVAC system at Tabba Heart Institute second largest Heat disease Hospital of Pakistan.

**Tri Star Polyester limited**

**Karachi, Pakistan** 2001 to 2002

**Utility Manager**

* Managing all activities of utility department of factory.

**Pre cold Industries Private Limited**

**(Distributer of LG brand HVAC Equipment)**

**Karachi, Pakistan** 2000 to 2001

**Project Engineer**

* Manage after sales services of LG brand chillers and HVAC equipment’s.
* Managing and scheduling commissioning teams.
* Managing O&M contracts.

**Shahnawaz Engineering Private Limited**

**Karachi, Pakistan** 1998 to 2000

**Site Engineer**

* Managing Operation and Maintenance three facilities of commercial buildings.

**K.S Enterprises Private Limited**

**Karachi, Pakistan** 1992 to 1998

**Plant In-charge, HVAC Engineer, Mechanical Engineer**

* Operation and Maintenance of Multiple project.

**Forte Pakistan Private Limited**

**Karachi, Pakistan** 1991 to 1992

**Asst. Site Engineer**

* Assisting Project Engineer at installation projects.

# Professional Awards

**Employee of the year 2011**

July 2012

By Al Mariah United Group

**Certificate of Appreciation for Superior Performance**

**(As Project Manager)**

March 2017

By SEHA Al Gharbia (Al Gharbia Hospitals)

# Education

**MBA Ex. Finance**

**Virtual University of Pakistan,** **March 2018**

**B-Tech (Mechanical)**

**NED University of Engineering & Technology. Pakistan** **August 1996**

**DAE (Diploma of Associate Engineer) HVAC&R**

**Government College of Engineering & Technology. Karachi, Pakistan** **July 1991**

# Academic Awards

**First Class First Position in DAE (Diploma of Associate Engineer) HVAC&R**

July 1991

**Sind Board of Technical Education (Provincial Board)**

Secured first Position in entire province of Sind.

**Three Best Academic Performance Awards**

**Japan cultural center, Japan foundation, Consulate of Japan, Karachi.**

1992 to 1995.

Awarded for best academic performances in three deferent learning levels of Japanese language between 1992 to 1995.

# Professional Training

**Specialized Professional course in CAD/CAM**

**Pak Swiss Training Center, Karachi, July 1992**

240 hours’ class and workshop training of Computer added drafting (CAD) and programming (CAM) of CNC machines with its practical application on CNC milling and lath machines.

**Quality Action Teams (QAT) - A Problem Solving Technique**

**Innovation & Technology Enterprises. Karachi December 1999**

A 24 hours training program on TQM and its application for understanding root causes of problems and how to resolve these causes.

# Professional Affiliations

**Pakistan HVAC&R Society**

Member: 2013-Present

# Languages

**Urdu:** Native Language

**English**: Advance spoken, reading and writing

**Japanese**: Advance Spoken, Intermediate reading and writing

# Computer Skills

**Programming**: CAM,

**Engineering applications**: HAP 4.9, Auto CAD

**Business applications:** Intuit Quick books applications, Peachtree.

# Personal Information

Full name: Muhammad Ali Khan Date of birth: 01/08/1970

Religion: Islam Nationality: Pakistani

Marital status: Married