## C:\Users\suhail\Downloads\DSCF3105 copy.JPGTARIQUE

**Mechanical Engineer (HVAC Engineer)**

Current Location: **Dubai, UAE 03 Months Visit Visa**

Availability**: Immediately**

Email**:**  tarique.382515@2freemail.com

## EDUCATION:

## Post graduation in Management from Cambridge Western Academy Birmingham, UK 2011- 2012

## Bachelors of Mechanical Engineering from MUET Jamshoro, Pakistan 2002- 2006

**PROFILE SUMMARY:**

Post- Graduate Mechanical Engineer over 11 years of experience in MEP, Facilities, Service, Maintenance Management & Operation, Project Management, Monitoring, Co-ordination (Execution, testing & commissioning of HVAC, plumbing, drainage and firefighting), worked on industrial & commercial projects in Pakistan. Facilities, Service, Maintenance Management & Operation, Project Management, Project Execution, , Plumbing, Drainage, Fire Fighting, Piping Fabrication & Erection, Testing & Commissioning experience on Building Construction and Industrial Projects, Installation of Equipments, Structure, Fabrication & Erection of Piping, Pipelines, Pigging & Testing, Pre Commissioning and Commissioning activities in Petrochemical Industry, Automotive Industry, Textile Industry, Administering, Organizing, Delivering, Executing and monitoring different phases of construction projects & Good knowledge of Solar Powered Inverter System 0.5 KVA to 50 KVA for HVAC & Electricity, Inspections, Fault finding, Investigation, Report making, Technical skills

**CORE COMPETENCIES:**

Project Monitoring & Control, Quality documentation, follow up of commissioning, Technical support in making program of completion of project, Project progress analysis, MEP Clearances, Maintenance of Chillers, Pumps, Compressors, Cooling Towers, FAHU, FCU, VRF/VRV & DX Units etc.

**WORK EXPERIENCE:**

**Company Name:** **GATRON (INDUSTRIES) LIMITED. HUB LASBELLA, BALUCHISTAN, PAKISTAN**

**Project Name:** G & T Tower (4B+G+2 Podium + 17 Floors + 1 Mech. Floor +HC+ Roof), BOPET Gatronva & Crystallite Industries (2 Floors + Mech, Floor + Ware House)

**Location:** Saddar, Qaidabad & SITE Area Karachi, Sindh, Pakistan

**Job Profile:** Mechanical Engineer MEP/HVAC (Deputy Manager)

**Duration:** February 2013 – July 2018

**Role in the Organization:**

* Monitoring all the HVAC and Fire-Fighting work, to ensure the work done is in accordance to the approved shop drawings and quality standards.
* Drawing the quantity take-off for respective mechanical system to order respective material.
* To inspect concealed MEP services installation prior to closure of void /riser etc in conjunction with QA/QC.
* Maintaining the site material order and check time to time requirement of material according to site plan, program and schedule as per project planning department to proper flow of work.
* Preparing and submitting inspection request for consultant inspection
* Maintaining records and archives to company standards.
* Attending the weekly progress meeting to assist Project Manager.
* Assisting Project Manager for correspondence with Client, Consultant, Contractor, etc.
* Co-ordination with consultants and contractors.
* Monitoring all the HVAC, plumbing, fire-fighting work, to ensure the work done is in accordance to the approved shop drawings and quality standards.
* Ensuring that MEP services provisions clearance is provided in time for structure for commissioning etc.
* Follow up with site staff for any kind of changes in installation and to ensure that the consultant’s
* Comments are implemented and arrange revisit of consultant to the designated area at site.
* Verify quality requirements are specified to subcontractors and vendors.
* Identify and promote preventive and corrective actions within the site management team to enhance continual improvement.
* Monitor all quality related activities on site.
* Attending site coordination meeting with client/consultant/contractor and follow-up for Quality related issues, prepare agenda, take minutes & follow up.
* Identifying NCRs/Defects/Snags and Follow-up with MEP team for effective corrective & preventive action on the same Inspection and Testing of all systems related to HVAC, Plumbing water supply, Drainage, Fire alarm & Fire Fighting installations.
* Assisting Project Manager for correspondence with Client, Contractor, etc.
* Knowledge of Air conditioning cooling load calculations, duct design, chilled water system design.

**Company Name:** **AUTOMOTIVE INSULATIONS LIMITED. RUGBY, ENGLAND UK** (Part time job during studies)

**Project Name:** Factory

**Location:** Rugby, Warwickshire, England, UK

**Job Profile:** Production/Maintenance (Mechanical Supervisor)

**Duration:** April 2011 – March 2012

**Company Name:** **GATRON (INDUSTRIES) LIMITED. HUB LASBELLA, BALUCHISTAN, PAKISTAN**

**Project Name:**  G & T Tower (4B+G+2 Podium + 17 Floors + 1 Mech. Floor +HC+ Roof)

**Location:** Saddar Karachi, Sindh, Pakistan

**Job Profile:** Mechanical Engineer MEP/HVAC (Senior Assistant Manager)

**Duration:** December 2008 – March 2011

**Role in the Organization:** (Already mentioned above)

**Company Name:** **GATRON (INDUSTRIES) LIMITED. HUB LASBELLA, BALUCHISTAN, PAKISTAN**

**Project Name:** Gatron - III Molding Department (3B+2P +14 Floor 1 Mech. Floors)

**Job Profile:** Mechanical Engineer MEP/HVAC (Assistant Manager)

**Duration:** October 2007- December 2008

**Role in the Organization:** (Already mentioned above)

**Company Name:**  **GATRON (INDUSTRIES) LIMITED. HUB LASBELLA, BALUCHISTAN, PAKISTAN**

**Project Name:** Main Mechanical Department

**Job Profile:** Mechanical Engineer (Trainee Engineer)

**Duration:** October 2006- October 2007

**Role in the Organization:**

* To plan and estimate a work order by visiting the job site and mutely think through the necessary steps and craft required to do the request job.
* To inform maintenance and fabrication supervisor what tools/equipments and material are needed for the finalized daily schedule, so that they may be prepared and delivered to the job site.
* Site visit of maintenance and fabrication work to check the quality of work and to give the necessary instruction. Check co-ordinate maintenance schedule received from Electrical, Utility HVAC, Spinning, Texturising and Draw Twisting. Daily work load to be distributed as under.

Corrective maintenance 40% hr, Emergency work order 15% hr, Workable back log and opened work order 25% hr,

Preventive maintenance 50% hr, Modification 10% hr.

* Monitoring schedule function by using the following data.

Man hour utilization, Work order backlog analysis, Craft – backlog.

* For the condition based maintenance complete round of the plant and check all equipment’s/ machines with recommended parameters.
* For preventive maintenance with the coordination of electrically process engineers.

Make sure that equipment to be isolated by process engineer, Make sure that the fuse to be taken out by electrical engineer, Check all parts for any evidence of wear, Replace/repair parts if necessary.

* All sealing parts should be replaced whenever equipments are taken into maintenance.
* Inspect material and machinery receives by Local/Import Store.
* Meeting with Deputy General Manager of department & Directors.
* Auditing performance of the craft, Emergency work order, To prepare daily schedule for tomorrow by afternoon today.
* Annual Jobs upon management discretion rotated in different departments for learning day to day & special operation and maintenance activities.
* Maintenance of Utilities HVAC, Spinning, Power House, Molding, Texturizing, Draw twisting, Packing & Quality Control Departments.
* Daily job assignment to Engineers, Foreman, Supervisors/Fitters/Fabricators/Welders/Plumbers and Riggers, also observe job activities.
* Study of compressors and chillers log book and point out the mentioned problems by operators in the log book maintenance/lubrication planning procedure.
* Planning and Erection work upon different projects and inspection of areas where projects are on completion. To undertake project related activities to produce an action plan and monitor its implementation.
* MMS (Material Management System) - DPR (Department Purchase Requisition), SR (Store Requisition), MS (Material Salvage), DRR ( Department Repair Requisition), MRD ( Material Return to Department), GIN (Goods Inspection Note) etc.
* Gate passes procedure of spare parts outside the mechanical department workshop. Procedure of modification/fabrication work.
* Maintenance procedure and parts replacement as per manufacturer’s manual of knitting, Strapping, Yarn Twisting m/c, Roller Conveyor & Chain/Rope type Hoist (Barmag, Demag, Bulgarian, Nitchimatic & Kuk Dong).
* Installation, Operation and Maintenance of Absorption Chillers (LS/LG), Centrifugal & Screwed Chillers (York/Trane/Carrier) air cool & water cool, Air Compressors (Atlas Copco), Air Handling Units (AHU’s)/FAHU, HVAC Ducting, FCU, Window, DXB, VRv/VRF DVM Units, Ducted Split Units, Decorated Split Units, Split Type and Package Air-Conditioning Units, District Cooling, Fire Damper, Volume Control Damper, Vibration Isolators, Aluminum/GI Cladding, Energy Recovery Wheel, Cooling Towers ( Closed Circuit & Open Circuit Type), Pumps Centrifugal (Vertical/Horizontal Single/Multi Stages) Split Case/End Suction, Water Transfer Pump, Booster Pump, Jockey Pump, Sprinklers, Plate Heat Exchanger, Air distribution system, Steam & Hot/Cold water distribution system, Bailing Press m/c, Spinning equipments & machines Blowers, Lock feeder, Pump drive, Extruder (Barmag), Conveying (Hot /Cold), Winders, Water Coolers, Boring Water Plant, Raw Water Plant, RO Water Plant, Gate/NRV, Double Regulating, 2 Way, 3 Way, Bypass Valve.
* Chemical feeding systems of cooling towers.
* General rules for mounting and dismounting of bearings.
* Procedure for belt alignment and tension & alignment of couplings.
* Information of co-ordination meeting with Electrical, Production & Utility departments for preparation of monthly reports. Daily and weekly mechanical department meeting & reports.
* Audit procedure and requirements for technical audit.
* CMMS Software - (MOGAN) Maintenance of Gatron & Novatex software.
* Arrangement & awareness of work permit system like Hot/Cold work permits/schedule/brake down/routine/preventive/shutdown maintenance work permit etc, safety precautions during maintenance and repair work.

**Company Name:** **NCB CORPORATION (PVT.) LIMITED. KARACHI, SINDH, PAKISTAN**

**Project Name:** Production/ Machine Shop Mechanical Department

**Job Profile:** Mechanical Engineer (Assistant Manager)

**Duration:** January 2006- October 2006

**Role in the Organization:**

* To monitor production of machine shop according to production sheet & discuss with Director/ Factory Manager.
* To proper monitor control opening /receipt/dispatch & closing balance of product daily/monthly basis.
* To proper monitor/control consumable tools according to requirements of parts machining. To increase production/productivities of employees to meet the monthly target.
* To supervise & educate the training staff of machine shop.
* To monitor monthly report of dispatch & rejection production daily basis. Maintain minimum/ maximum level for Consumable items.

**PROFESSIONAL TRAININGS:**

* PC Pearl Continental Hotel Karachi Sindh, Pakistan MEP/HVAC Installation, Maintenance & Operations.
* Dolman Hyper Star Shopping Mall Karachi Sindh, Pakistan MEP/HVAC Installation, Maintenance & Operations.
* NCB Corporation (Pvt.) Ltd. Karachi Sindh, Pakistan (Under Collaboration with FUJI CORPORATION OF JAPAN)
* Allwin (ATLAS) Engineering (Industries) Karachi Sindh, Pakistan.
* SEL Sindh Engineering (Pvt.) Limited Karachi Sindh, Pakistan (STATE ENTERPRISE, A PACO COMPANY).
* Steel Tech (Pvt.) Ltd. Karachi Sindh, Pakistan.

**COURSES & AWARENESS SESSIONS:**

* Basic Life Support & First Aid Awareness Session Mehar Gas Field, Pakistan OMV.
* Certificate in HVAC Design & Drawing SDC, Pakistan.
* Material Management System GIL Pakistan & Maintenance Management System GIL Pakistan.
* Interaction between Industry & Engineering Institutions by IEP MUET Chapter Pakistan.
* Technical Seminars arranged by M.U.E.T Pakistan on HSE (Health, Safety and Environment) & ISO Standards.
* FAG & ZWZ Roller Bearings Seminar & Mounting Dismounting Training @ GIL.
* AutoCAD 2004, Understanding & Applications in Engineering, MUET, Pakistan.
* Basic Computer Skills MUET, Pakistan.
* Executive Professional Computer Certificate Course, Faith Institute of Information Technology, Pakistan.
* Intermediate Grade Drawing Examination, Directorate of Secondary Education, Pakistan.

**PROFESSIONAL AFFILIATIONS:**

* Registered Engineer under the PEC Pakistan Engineering Council Act 1976.Registration No.Mech/ 22956
* Applied for registration in “The American Society of Mechanical Engineering (ASME)

**IT SKILLS & HVAC Software:**

Microsoft Office Applications - Word, Excel, Power Point & AUTOCAD

Carrier Hourly Analysis Program (**HAP**), Mc Quay Duct Sizer, Pipe Sizer, Multitherm Coil selection.

**PERSONAL PROFILE:**

D.O.B: 10thMarch 1983

Marital Status: Married

Nationality: Pakistani

Languages: English, Sindhi, Urdu, Hindi & Panjabi

**REFERENCE:** Will be furnished, if required.