

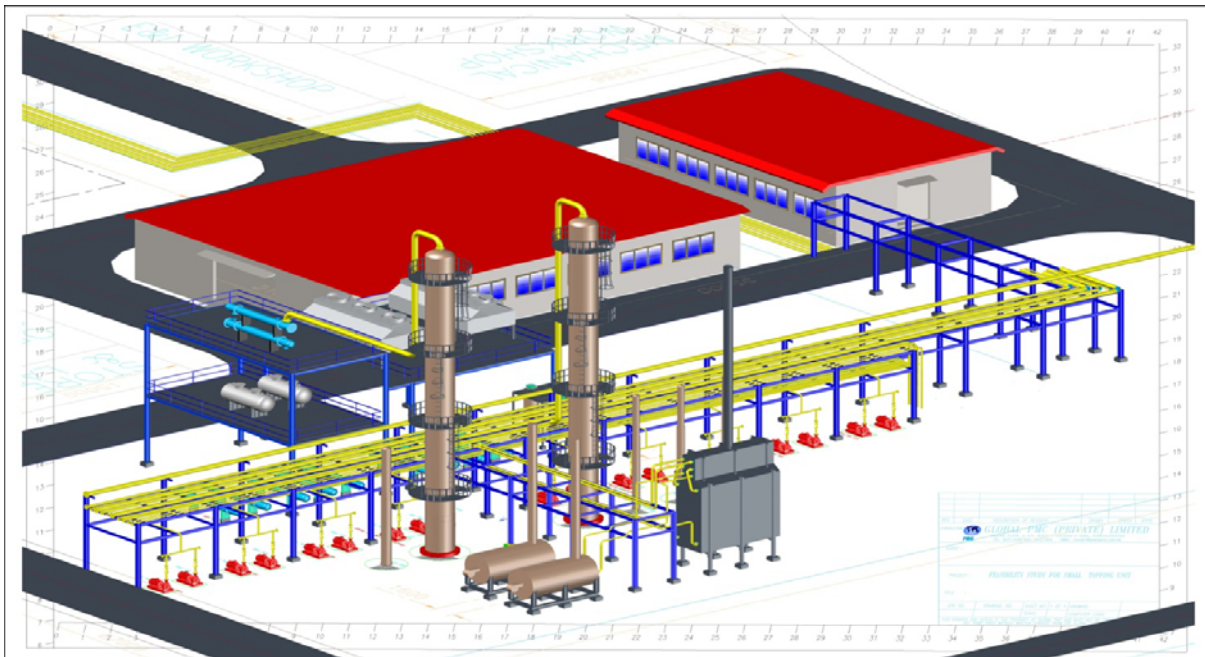


PMC

Global PMC (Private) Limited



The Project Management Consultants



Company Profile



PMC

Project Office:
Global PMC (Private) Limited
Ground Floor, A - 474, Block 1,
Gulshan-e- Iqbal,
Karachi-75300, Pakistan.

Telephone No.9221-34987960,34987962,

Email: contact@globalpmc.com.pk

Web: www.globalpmc.com.pk



PMC

Table of Contents

S. NO.	Contents	Page No.
1	INTRODUCTION	3
2	CONTACT INFORMATION	3
3	OUR PHILOSOPHY	3
4	OUR VISION	4
5	OUR MISSION	4
6	OUR VALUES	4
7	OUR STRENGTH	4
8	OUR CORPORATE GOVERNANCE	4
9	OUR CORE COMPETENCY	4
10	OUR EXPERIENCE	5
11	MAJOR PROJECTS HANDLED BY OUR TEAM MEMBERS	7
12	OUR TECHNICAL LIBRARY	13
13	OUR ENGINEERING RESOURCES	13
14	OUR TEAM	13



PMC

1) INTRODUCTION

Global Project Management Consultants Private Limited's team members (director & key persons) have in-depth capabilities of providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, flow, gathering systems, trunk & cross country pipeline, power plant, alternate energy (wind & solar), construction supervision, operation & maintenance, regulatory compliance audit, pre-shipment inspection, HAZOP's, safety audits, feasibility studies, engineering audits & conservations, effluent treatment environmental studies and Facility Management Services.

Team members of GPMC are proud to be the key members of project team of the Pakistan's first mini refinery (EPRF-I) capable of processing 3000 bbls/day (completely designed, constructed commissioned & operated without any foreign collaboration). Team members of GPMC were also the key members of the second mini refinery (EPRF-II) capable of processing 5000 bbls/day.

Our key team members have been the main contributor's with Oil & Gas Regulatory Authority of Pakistan (OGRA) in instituting regulatory compliance audit system in Pakistan for LPG production, storage & bottling plants.

Our team members have also been involved in almost all the main projects of Refineries, Petrochemical & Pipeline projects of Pakistan and some members have extensive international experience.

The GPMC (Private) Limited's team mission is to become the prime consultancy focused on providing Project Management, Design Engineering, Regulatory Compliance and Safety Audit and technical evaluation Services to the upstream & downstream oil & gas, petrochemical, energy and other engineering industries. Our team member's clientele includes national & international companies for small to large scale projects.

2) CONTACT INFORMATION

Global PMC (Private) Limited

Ground Floor, A- 474 Block '1'
Gulshan-e-Iqbal, Karachi-75300, Pakistan.
Phone #: 9221-34987960,34987962
Email: contact @globalpmc.com.pk
Web: www.globalpmc.com.pk

Chairman: Mateen Hameed

Director & Chief Executive: Muhammad Alim ur Rahman

3) OUR PHILOSOPHY

Global PMC has eyed on highly dedicated and professional attitude towards achieving client's target and in order to materialize truly the development of a highly productive engineering industry with following criteria:

- Timely completion with quality meeting international industry standards, best engineering practices and safety standards.
- Economic efficiency
- Preservation of the environment



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4) OUR VISION

Contribution in the development of industries with excellence

5) OUR MISSION

Becoming an active participant and imperative organization as a global player in the industry

6) OUR VALUES

- Act with integrity, loyalty and honesty.
- Focus on customer success.
- Create safe and health-conscious work environment.

7) OUR STRENGTH

- Our management and technical team is group of highly skilled professionals who are dedicated and committed for achieving the best results.
- Technical Team with proven track record.

8) OUR CORPORATE GOVERNANCE

At Global PMC, we dedicate ourselves to earning the trust of our clients, employees, suppliers and customers by fostering a culture that emphasizes compliance with the law and ethical business behavior and by adopting strong principles of corporate governance, our constituents can feel confident about their association with Global PMC.

- The cornerstone of our compliance program is our Business Responsibilities of all Global PMC Employee.
- We apply strict ethical standards to our financial audit practices.
- Our system of corporate governance based on board of directors

9) OUR CORE COMPETENCY

GPMC is providing consultancy, engineering and project implementation services to Greenfield and Brownfield hydrocarbons developments projects:

9.1 Project Management Services (PMC)

- Field development planning
- Budgetary cost estimation
- Initial & detailed planning
- Project planning and monitoring through MS Project & Primavera P6



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- Documentation of contracts and agreements
- Prequalification of vendors
- Equipment's sourcing
- Development of procurement documents & floatation of tenders
- Evaluation/recommendation of bids
- Inspection at manufacturer's work.
- Review and approval of vendor's drawings.

9.2 Feasibility Studies & Conceptual Design

Professional teams of engineers, consultants and analysts are conducting feasibility studies for new green field prospects as well as brown field development projects. Following services are provided:

- Data gathering and discussions
- Setting objectives and boundaries with client
- Concept development & alternatives evaluation
- Site identification & evaluation
- Weight & budgetary cost estimating (CAPEX and OPEX) & schedule development
- Development of NPV & IRR
- Recommendations

9.3 FEED Development

Developments of FEED's are supported from our full in-house multi-discipline engineering resource pool including:

- Process engineering (Process optimization)
- Metallurgy and materials engineering
- Piping layout design
- Piping engineering (including piping stress analysis and materials)
- Instrument engineering (control systems, field Instruments and metering)
- Electrical engineering
- Civil engineering
- Structural engineering
- Risk, safety & environmental engineering
- Pipeline engineering
- Issue of enquiries for long lead or high cost items
- Cost estimating and economic assessment
- Project schedule enhancement
- Preparation of procurement documents, tendering and management of the work
- Engagement with other work groups and third parties to reduce uncertainties e.g. tie-ins to other facilities, regulatory authorities, buyers of products.

9.4 Complex process simulation includes:

9.4.1 Basic Engineering

- Concept Design
- Development of Process Simulation



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- Heat and Material Balances
- Process Flow Diagrams (PFD's)
- Utilities Flow Diagrams (UFD's)
- Utility and Effluent Summary
- Sizing for process equipments.
- Thermal Design of Columns, Vessels, Fired Heaters, Exchangers etc.
- Rating of equipments
- Detail design of equipments including fabrication drawings
- Process & Instrumentation Data Sheets for equipment, instrumentation etc.
- Cause and Effect Diagrams
- Flow assurance studies
- Process studies for upgrade & modification

9.4.2 Detailed Process Engineering

- Piping and instrumentation Diagrams (P&ID's)
- Hydraulic Calculations
- Utility Distribution Diagrams
- Fire Protection Systems
- Pressure Relieving, Flaring, and Depressurizing Calculations
- Line lists
- Equipment lists
- Safety Studies like Hazop
- Operations Manuals (compilation)

9.5 Detail Engineering

We have full in-house capability and control to cover all aspects from studies to detailed engineering for following:

- All disciplines with world renowned software's *f*
- Capability to develop technical specifications for process equipment's, electrical & instrumentation items.
- In-built Quality Assurance process
- Material management system
- Full multi-discipline 3D CAD capability
- Constructability reviews / sequence planning
- Commissioning and start up input
- Development of accurate MTOs through 3D CAD software
- Have ability to interrogate / drill down to underlying engineering data
- Consistency & continuity / clash check / Quality Assurance
- Steelwork electronic export to fabrication – schedule & quality
- Piping Isometric electronic export to fabrication – schedule & quality

9.5.1 Equipment Engineering

Design calculations, detail engineering and development of drawings for:

- Pressure vessels
- Heat exchangers



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- Process columns
- Reactors
- Fired Heaters
- Storage tanks

9.5.2 Plant Engineering

Design and development of:

- Plot plan
- Route Studies
- Equipment layout
- Piping layout with sectional details
- Piping isometrics
- Bill of material of plant piping
- Piping stress and flexibility analysis
- Fire Fighting Network

9.5.3 Pipeline Engineering

Design and development of:

- Flow lines/gathering system simulation and determination of size of pipeline and slug (if required)
- Pipeline Route Selection
- Topographical Survey
- Pipeline line sizing and thickness calculations
- Pig Launcher/Receiver
- Pipeline Alignment Drawings
- Pipeline stress and flexibility analysis

9.5.4 Steel Structure Design

Design of plant steel structure, which includes the following:

- Super structures
- Loading & Un-loading gantries
- Pipe rack
- Equipment supports
- Pump house/sheds, compressor's house/sheds etc.
- Operating platforms and accessories.
- Workshop/warehouse shed incl. structure for overhead crane

9.5.5 Civil Engineering

Design engineering and development of construction drawings for:

- Equipment foundations
- Tank foundations



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- Plant roads & bridges
- Plant buildings
- Dyke / bund wall for tank farm

9.5.6 Instrumentation Engineering

Detail Engineering of Instrumentation and Controls in Oil & Gas industry:

- Project Interconnection Diagram
- Instrument I/O List
- Instrument Index
- Instrument Data sheet
- Instrument Hookup Diagram
- Instrument Loop Diagram
- Instrument Layout Diagram
- Cause & Effect Diagram
- Cable Schedule Diagram
- Data sheets for instrumentation
- Instrumentation hook-up drawings
- Cables and junction box layout
- Standard installation drawings

9.5.7 Electrical Engineering

Preparation of Detailed Electrical Engineering Package including:

- Preparation of FEED/Basic Engineering documents
- Preparation of Project/ Proposal schedules, manning charts, technical write-up & Engineering Man hour Estimations
- Preparation of Data sheets and specifications of MV/ LV electrical equipment
- P&ID review, estimation of Loads and development of load schedules
- Development of Hazardous classification layouts & hazardous material lists as per API RP 500
- Cable sizing calculations LV / MV, development of cable schedule and cable drum schedules
- Calculations of Grounding system and development of grounding layouts as per IEEE 80 & BS 7430 standard.
- Sizing calculations for the Generators, Transformer and UPS.
- Development of Single line diagrams (MV/LV) Switchgear / MCC & power distribution System
- Development of schematic, interconnection & termination diagrams
- Development of Power layouts, trench layouts & section details
- Development of Cable tray and Equipment layout plans
- Lighting Lux level Calculations with software and Development of Buildings lighting & small power drawings
- Development of typical / standard installation details for Power, lighting & Grounding systems
- Development of MTO & BOQs supply & installation for installation team & Contractors



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- Vendor documents review ensuring the supply of equipment as per project requirements
- Technical evaluation of EPC & PC Contractors
- Technical & commercial bid evaluation including correspondence with bidders & vendors & recommendations
- Review of preliminary & detail engineering drawings
- FAT of electrical equipment including MCC, UPS & small power distribution boards.

9.5.8 Cathodic Protection Engineering

Development of:

- Design Calculations as per NACE Standards.
- Development of CP Layout
- Standard installation drawings
- Specification and BOQ.
- Soil Resistivity Survey
- Current Drain Test (for existing system)

9.6 Procurement Services

Procurement services integrated within project task force, which includes the following:

- Development of procurement documents
- Tender floatation & receiving of bids
- Technical & commercial evaluation of bids
- Worldwide capability
- Shop inspection through our own in-house inspectors
- Use of client vendor lists

9.7 Site Supervision

- Experienced, hands-on construction management team for tight schedule control, Progress measurement/report, Settlement of Contractor's claim, Verification of Contractor's bills etc.
- Detailed planning using Primavera P6
- Quality control through qualified quality inspectors for each discipline
- Safety through qualified HSE team for safe execution of the project

9.8 Regulatory Compliance, Technical Audit of Existing Systems

- Verification/inspection of production, storage & filling facilities for their regulatory compliance based on international standards and recommendations
- Development of comprehensive audit reports and recommendations.

9.9 Inspections & Asset Valuation

- Pre-shipment inspections, Mill/factory, on-site, off-site & stage inspections
- Witness/performance testing



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- Assets evaluations for owners and as third party, Integrity Management & RBI
- Estimation of future life of running plants.

9.10 Engineering Analysis

- Dispersion Modeling for flares & vents
- Analysis of piping flexibility (Stress analysis of piping network).
- Design of pressure vessels including columns & vessels.
- Heat Exchanger Design.
- Above & underground storage tank design
- Structure Design & Analysis.
- Sizing of Control Valve & Flow elements.
- Breather Valve Sizing

10) OUR ENGINEERING RESOURCES

Our team members have expertise in using engineering software for projects. Besides world renowned engineering software, our team members also developed software in-house for engineering applications. We have expertise and access to following software's:

- **ASPAN Hysys** for process simulation
- **Flare Net** for **Flares & Vents sizing**
- **PHAST** for dispersion modeling
- **OLGA** Simulation (Hydraulics Analysis)
- **AFT Impulse 5** for surge analysis
- **Korf** for hydraulic analysis
- **Caesar-II** for piping flexibility analysis
- **Coade Tank & E-Tank** for design/rating of storage tanks
- **Compress & PVElite** for design of columns & pressure vessel
- **Staad Pro & E-tabs** for structural analysis
- **Cadworks & AutoCad** for 3-D Plant Modeling
- **Shell FRED** (Heat Radiation Modeling)

11) OUR EXPERIENCE

The Global PMC (Private) Limited's team mission is to become the prime & leading consultancy focused on providing Project Management, Regulatory Compliance and Safety Audit and technical evaluation Services to the upstream & downstream oil & gas, petrochemical and other engineering industries. From various platforms, our team members have provided services to different companies during the planning and development phase of projects. Our team member's clientele includes national & international companies for small to large scale projects. Our team members have provided services to following clients from various platforms:



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Major Clients inside Pakistan

- Pakistan State Oil Co. ,Ltd.(**PSO**)
- Pakistan Refinery Limited (**PRL**)
- Descon integrated Projects limited (**DIPL**)
- Descon Engineering Services & Technology (**DEST**)
- Bosicor Pakistan Ltd. (**Byco**)
- ENAR Petroleum Refining Facility I,II&III (**EPRF**)
- **DDFC Group**
- **SMEC Pakistan**
- **Unicol** Pakistan
- **Unilever** Pakistan Limited
- **Dalda** Pakistan Limited
- **Beltexco** Limited
- Peoples Steel Mills (**PSM**)
- **Sefec** Engineering Limited
- Karachi Metropolitan Corporation (**KMC**)
- Karachi Water & Sewerage Board (**KW&SB**)
- Techno-consults International Limited (**TCIL**)
- Karachi School of Business & Leadership. **KSBL**
- Oil Industries Pakistan (**OIP**)
- **Manshanat Brothers**
- Heavy Mechanical Complex(**HMC**)
- Hub Powerco.(**HUBCO**)
- **Cactus** Fertilizer
- **HTG** Chemicals
- BP Pakistan Exploration & Production Inc. (**BPP**)
- Karachi School Business & Leadership (**KSBL**)
- Oil & Gas Regulatory Authority (**OGRA**).
- Oil & Gas development corporation Limited (**OGDCL**).
- **Nimar Chemicals** (formerly Ravi chemicals)

Major Clients outside Pakistan

- Fluor Iraq
- Exxon Mobil Iraq
- ATG Hamriyah UAE
- Gulf Continental Oil Company
- Occidental Oman
- Enerflex Middle East

MAJOR PROJECTS HANDLED BY OUR TEAM MEMBERS.

- 1) Designing of heavy steel structure for **Rumaila oil field Iraq.**
- 2) Develop of design engineering package for eight (8) bays checking gantry at Machike Depot of **PSO.**
- 3) Development of As-Built P&ID of eight depots (south zone) of **PSO.**
- 4) Stress analysis of several large dia Exhaust Ducts for **DDFC.**
- 5) Produced Water Tanks for **Occidental** Gas Company Oman.



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- 6) Detailed designing of Off-specs Condensate Storage Tanks for **Occidental** Gas Company Oman.
- 7) Development of detailed Construction BOQ for seven (7) storage tanks for **Kuwait Oil Company**.
- 8) Toxic Dispersion Analysis for Atmospheric Vent of Gambat South GPF Train II for **SMEC Pakistan**
- 9) Detailed feasibility study of Mini Topping unit
- 10) Study of Heating and Cooling System of Adhesive Manufacturing Plant of **Malcolm Industries**.
- 11) Development of detailed plot plant of **PSO's**KTA Depot Karachi
- 12) Development of detailed plot plant of **PSO's**KTC Depot Karachi
- 13) Consultancy services for the stress analysis of Flare lines of **ENERFLEX** project in Oman.
- 14) Consultancy services for the stress analysis of Hot Air lines of **ENERFLEX** project in Oman.
- 15) Fire Gap Analysis at **PSO's** KTC Depot Karachi.
- 16) Electrical Up-gradation at **PSO's** KTC Depot Karachi.
- 17) Designing of 8M X 12M base oil tank for **ATG Hamriyah**.
- 18) Designing of Shmiyah bridge for Rumaila Oil Field in Iraq for **Al-Karrar Engineering Contractors**
- 19) Designing of Base Camp G+2 office building for oil field in Iraq for **Al-Karrar Engineering Contractors**
- 20) Design and Engineering Package for the Emergency Water Storage System at New Steel Plant. **Peoples Steel Mills**
- 21) Design and Engineering Package for the Fire Fighting at New Steel Plant Peoples **Steel Mills**.
- 22) Consultancy services for the stress analysis of Exhaust Ducts **DDFC**
- 23) Design and Engineering Services for the Centralized Water Cooling & Treatment System. **Peoples Steel Mills**.
- 24) Detailed Electrical Gap Analysis of different retail outlets of **PSO**.
- 25) Bid level engineering for 32 KM pipe line for EPC project in **Iraq**.
- 26) Designing of Fall Arrest at different places in **Pakistan Refinery Limited**
- 27) Development of Detailed Engineering Design Package (Process, Mechanical, Electrical & Instrumentation) for 25 mmscfd/day Amine Sweetening Unit. **ATG Hamriyah UAE**.
- 28) Detail engineering of Gas metering Skid for commercial installations for **ATG Hamriyah**.
- 29) Consultancy for two gate operations of product handling at Lalpir Installation of **PSO**
- 30) Consultancy Services for up-gradation of fuel oil decanting system of **Muzaffargarh Thermal Power Plant**.
- 31) Consultancy for up-gradation of Product Handling Facilities at Sihala Installation of **PSO**
- 32) Development of Design documents (BID Level) for Gas Pretreatment Unit of OGDCL's for EPC bid. **ATG Hamriyah UAE**.
- 33) Development of Design documents (BID Level) for Water Bath Heater unit of OGDCL's for EPC bid. **ATG Hamriyah UAE**.
- 34) Development of Process Design Package for 2000 barrels/day Condensate Stabilization Unit and Bid level documents for Mechanical, Electrical and Instrumentation for EPC bid. **ATG Hamriyah UAE**.
- 35) Hydraulic Analysis for Utilization of Spare Motor Driven Fire Pump at Habibabad Depot of **PSO**
- 36) Process, Mechanical & Instrumentation design of 3-Phase Test Separators for **ATG Hamriyah UAE**.
- 37) Development of PC-1 document for Korangi Crossing Bridge for **KMC**
- 38) Detail Design Engineering of Inlet Extension Pipe (Diffuser Pipe) for **Pakistan Refinery Limited**.
- 39) Design of six (6) steel structures sheds for foam tanks for **Pakistan Refinery Limited**.
- 40) Design of Road & Drainage System to be used for Loading of CO₂ and Decanting of other products for **Unicol Pakistan**.
- 41) Process, Mechanical & Instrumentation design of several 3-Phase Separator Skids for **ATG Hamriyah UAE**.
- 42) Stress analysis and designing of special pipe supports of HP steam header and associated lines for **Unicol Pakistan**.
- 43) Thermal and mechanical designing of special shell & tube heat exchanger for **M/s Sefec Engineering**



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Limited.

- 44) Designing of culverts retaining walls for causeway of Korangi Crossing for Karachi Metropolitan Corporation(KMC)
- 45) Designing of more than 30 vessels, columns & reactors for EPC bid for **M/sSefecEngineering Limited.**
- 46) Designing of breather valve system for PMG Tanks at Mehmoodkot Depot (PSO).
- 47) Designing of breather valve system for PMG Tanks at Shershah Depot. (PSO).
- 48) Process, Mechanical, Electrical & Instrumentation design of Several 3-Phase Separator Skids, Mercury Removal Vessels, Degassers etc. for **ATG Hamriyah.**
- 49) Design and drawings (services) for RO Plant structure, pipe supports, sleeper foundations etc. **Unicol Pakistan.**
- 50) Design and drawings (services) for CO2 Plant structure, skid foundations, pipe racks & supports, sleeper foundations, loading gantry etc. **Unicol Pakistan**
- 51) Detailed Technical & Commercial bid evaluation for the Supply of 212 KVAR Power Factor for **Dawood Public School**
- 52) Improvement in Unloading/Decanting Facilities at existing HSD gantry at KTC (PSO).
- 53) Consultancy services for the designing, construction supervision & commissioning of LPG-Air Mix Plant. **Beltexco Limited**
- 54) Study for the removal of moisture contents from transformer oil. **OIP**
- 55) Detailed feasibility study of polymer pipe manufacturing plant. **TCIL**
- 56) Complete Designing (Mechanical, Electrical & Civil) of 50' Diesel supported Storage Tank for **Fluor Iraq**
- 57) Enhancement of PMG loading capacity at Chackpirana Depot (PSO)
- 58) Enhancement of PMG loading capacity at Machike Depot (PSO)
- 59) Enhancement of PMG loading capacity at Shikarpur Depot (PSO)
- 60) Detailed Feasibility for small crude topping unit. **Mansha Brothers**
- 61) Project Management Services for Gas Sweetening Unit Project (for EPC Bid) for **Peoples Steel Mills Pakistan**
- 62) Developed detailed engineering of electrical lighting system of **Karachi School of Business & Leadership. KSBL**
- 63) Developed detailed engineering package of 700 KW diesel generating sets for **Karachi School of Business & Leadership. KSBL**
- 64) Developed Process Simulation Model & detailed cost estimate of Gas Dehydration Unit (for EPC Bid) for **Peoples Steel Mills Pakistan**
- 65) Developed Process Simulation Model & detailed cost estimate of Gas Sweetening unit (for EPC Bid) for **Peoples Steel Mills Pakistan**
- 66) Detailed study of hexamine plant for **HTG Chemicals**
- 67) Design verification of civil foundations for **HUBCO**
- 68) Design of firefighting system for Formaldehyde plant for **HTG Chemicals**
- 69) Development of BOQ & Fabrication drawings of Super Structure of Silver Rado-III project of **Futehally Chemicals Limited Uniliver Pakistan.**
- 70) Stress Analysis of Utility Pipe Rack lines of **Byco Refinery Pakistan.**
- 71) Developed Process Simulation Model of Gas Sweetening Unit (for EPC Bid) for **Heavy Mechanical Complex (HMC) Pakistan**
- 72) Development of Civil & Piping packages for relocation of **Dalda Edible Oil Refinery**
- 73) HAZOP study of LPG Unit of **Pakistan Refinery Limited.**
- 74) Developed Process & Mechanical Engineering design package of Sulfuric Acid Plant for **Cactus Fertilizer Plant.**
- 75) Construction site management Services of **ENAR Petroleum Refining Facility-II.**
- 76) Development of Process Simulation model for the Kausar field of MKK concession with excel interface



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- for engineers not familiar with Aspen-Hysis software. **British Petroleum Pakistan**
- 77) Facility Management Services for Horizon School (School for Children with special needs)
Horizon School
- 78) Facility Management Services for **Aligarh Muslim University Academy**
- 79) Development of Detailed Engineering Design package of First Floor of **Aligarh Muslim University Academy.**



PMC

REGISTRATION **CERTIFICATE**



PMC



SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN

CERTIFICATE OF INCORPORATION

[Under section 32 of the Companies Ordinance, 1984 (XLVII of 1984)]

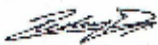
Corporate Universal Identification No 0073184

I hereby certify that GLOBAL PMC (PVT.) LIMITED is this day incorporated under the Companies Ordinance, 1984 (XLVII of 1984) and that the company is limited by shares.

Given under my hand at Karachi this Twenty Second day of July, Two Thousand and Ten.

Fee Rs. 29,750/-




(Sidney Custodio Pereira)
Joint Registrar of Companies



PMC

NATIONAL TAX
&
SINDH SALES TAX
NUMBER'S



PMC

ORIGINAL

NTN 3622893-1
Category COMPANY-(PRIVATE LTD.)
Status RESIDENT
Reg. / Inc No. 0073184 **Reg. / Inc Date:** 22-JUL-2010
Name GLOBAL PMC (PVT.) LIMITED
Address 14/H,BLOCK-06,PECHS,KARACHI, DISTT:KARACHI,SINDH
Principal Activity ARCHITECTURAL AND ENGINEERING ACTIVITIES AND RELATED TECHNICAL CONSULTANCY

Registered for **Income Tax** **w.e.f** 16-SEP-2010

Representative's (SERVICES)
CNIC/ NTN 4220160082059
Name MUHAMMAD ALIM-UR-REHMAN
Email Address malim67@hotmail.com

Tax Office RTO-II KARACHI

Business Name 1) GLOBAL PMC (PVT.) LIMITED
14/H,BLOCK-06,PECHS,KARACHI,KARACHI,SINDH

This certificate is valid only if verified online at FBR's web site www.fbr.gov.pk



RGCRT-1762014-42126367-7

Date of Printing:17-JUN-2014



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PROVISIONAL CERTIFICATE OF REGISTRATION

M/S GLOBAL PMC (PVT.) LIMITED, holding NTN 3622893-1, have applied for taxpayers' registration on Form SST-01 in terms of rule 5 of the Sindh Sales Tax on Services Rules, 2011.

- 2. The Sindh Revenue Board is pleased to provisionally register the above-said applicant and allot him a provisional registration No. S3622893-1.*
- 3. This certificate is valid for **one month** from the date of issue and may be replaced with permanent registration certificate on completion of formalities as per the rules.*

Date: June 01, 2015



www.srb.gos.pk
UAN 111-778-000



SINDH REVENUE BOARD



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PAKISTAN ENGINEERING **COUNCIL REGISTRATION** **CERTIFICATE**



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PAKISTAN ENGINEERING COUNCIL

10726

Serial No
PEC-4A

Registration No: **CONSULT/1506**

Date of Registration: **21/06/2011**



**CERTIFICATE OF REGISTRATION OF PAKISTANI
CONSULTING ENGINEER**

(UNDER PAKISTAN ENGINEERING COUNCIL ACT 1976)

This is to certify that M/s **GLOBAL PMC (PVT) LTD.** Address **GROUND FLOOR, A-474, BLOCK-1, GULSHAN-E IQBAL, KARACHI-75300** have been registered as Consulting Engineers at Serial No **CONSULT/1506** of the Register of Pakistan Engineering Council with following particulars:-

Type of Ownership (021,022,023,024) **(PRIVATE LIMITED COMPANY)**

Field of Specialization

(Project-profile Code Nos.) **1201, [(1208(ii), 1212, 1213(i), 1234(viii)(ix), 1235, 1236)(FOR PROJECT MANAGEMENT ONLY)].**
(SEVEN ONLY)
(FOR CIVIL, ELECT & MECH ENGG WORKS ONLY)

Date of Issue:
25/02/2015



Humayun Qureshi
Registrar

Pakistan Engineering Council,
Islamabad

Note:

1. This Certificate of Registration shall expire on **31st December 2017** and will be renewed on payment of the required fee before 31st January for the next year.
2. Description of project profile codes is shown on reverse.



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RESUME'S **OF KEY** **PERSON'S**



GLOBAL PMC (PRIVATE) LIMITED

PERSONAL PROFILE

Name: MATEEN HAMEED

Employee No: 0000

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Designation: Chairman

EDUCATION

- Bachelor of Electrical Engineering 1967
NED University of Engineering & Technology, Karachi, Pakistan

TRAINING / COURSES

- Completed numerous study courses on General and Project Management.

EMPLOYMENT HISTORY

Present

Chairman Feb. 2011 to-date
Global PMC (Private) Limited
Karachi, Pakistan

Previous

Project Manager Nov 2007 – Feb. 2011
ETIMAAD Engineering (Private) Ltd
Karachi, Pakistan

Site Manager / Project Manager Mar 2006 – Oct 2007
Descon Engineering Qatar L.L.C
Qatar

General Manager - Construction Management Services Jun'1986 – Feb'2006
ENAR Petrotech Services (Private) Limited
Karachi, Pakistani

Petrofac International Ltd., Sharjah, U.A.E. Dec. 1985 - Jun. 1986
Senior Project Engineer (On Assignment)

Maintenance / Engineering Superintendent Jan. 1979 - Dec. 1985
Abu Dhabi National Oil Company,
Abu Dhabi, U.A.E.

Senior Plant Engineer / Operation Engineer Mar.' 67 - Dec.' 78
National Refinery Limited
Karachi, Pakistan

EXPERIENCE PROFILE

Present

As Chairman in Global PMC (Private) Limited, leading a team of Engineers & Draftspersons for providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries and other related projects.

Previous

Have more than Forty-four years experience in the field of Design, Project, Engineering Management, plant operation & maintenance which includes Project Estimates, Detailed Engineering, Site/Construction Supervision, Regulatory compliance & safety Audits, Design vetting and Plant Operation & Maintenance of Oil & gas, Power & Petrochemical Plants ensuring timely project completion according to governing codes, standards using latest computer technology.

 PMC	GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE																														
	Name: MATEEN HAMEED	Employee No: 0000																														
	Designation: Chairman																															
<p><i>Provided leadership, direction and timely decisions, Budget, manpower requirements, Institute and conduct all phases of Project Management. Promoted progressive development of inter-personal and communication skills and team building. Developed, implemented overall work plans and control work progress. Evaluated contracts and established appropriate project requirements and authorization limits. Established Hazop review and standard requirements. Recruitment necessary staff for project</i></p> <p><i>Set-up organized and supervised project groups for Review P&ID's and detail construction drawings. Developed contracts scope of work, prequalify contractors, review bid proposals, select contractors and award contracts. Prepare detail work plans and monitor work progress. Generate procurement packages, place purchase requisitions, review proposals and select suppliers/vendors. Coordinate total project activities, interface with project support groups and prepare management information reports. Prepare check list for pre-commissioning equipment/plant, issue completion certificates and sign off for acceptance.</i></p> <p><i>The work details in projects are as follows:</i></p>																																
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**GLOBAL PMC (PRIVATE)
LIMITED****PERSONAL PROFILE**

Name: MATEEN HAMEED

Employee No: 0000

PMC

Designation: Chairman

Bobi Early Production Facilities (ENAR Petrotech Service Pvt. Ltd).	Oil & Gas Development Company Ltd	Project Manager for establishment of hydrocarbon gathering pipeline and separating the condensate from gas and recovery of LPG. The work includes detailed engineering, procurement and construction supervision.
Chanda Gas Processing Facility (ENAR Petrotech Service Pvt. Ltd).	Oil & Gas Development Company Ltd	Project Manager for re-location of LPG Plant Dehydration Plant to increase LPG Production Capacity to 50 tons per day and produce 3000 barrels per day condensate.
Omar Phase IV (Syria) Water Injection Project. (Petrofac International L t d .)	Petrofac International Ltd., Sharjah, U.A.E.	Senior Project Engineer for Design activities of expanding and improving the water treatment, injection and distribution facilities.
Maintenance and engineering Activities of UAN Refinery. (Abu Dhabi National Oil Company)	Abu Dhabi National Oil Company, Abu Dhabi, U.A.E Jan.' 79 - Dec.' 85	Maintenance / Engineering Superintendent Completed pre commissioning/commissioning activities and signed off acceptance and maintenance of 400 MMSCF of sour gas plant. Supervised all the activities of maintenance and engineering departments of UAN Refinery. Responsible for maintenance and engineering activities of rotary equipment, stationary equipment, electrical and power distribution systems, instrumentation, process computers, selection of equipment, inventory management and standardization.
Operations & Maintenance (National Refinery Limited)	National Refinery Limited, Karachi Mar.' 67 - Dec.' 78	Senior Plant Engineer / Operation Engineer Overall training in all the department of the refinery. Operation and maintenance of boilers, water treatment & distribution facilities, utilities, electrical system, power distribution system and asphalt air blowing unit. Coordinator total shutdown maintenance (turn-around) of the refinery. Control of all the activities of general engineering department which include mechanical, electrical, civil and instrumentation works. Supervised contract, maintenance and modification jobs.

COMPUTER SKILLS*MS Office & Other related engineering software's***AFFILIATIONS**

- Life Member – PEC (Pakistan Engineering Council)
- Member, Institute of Engineers of Pakistan
- Member, Petroleum Institute of Pakistan

PERSONAL



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

PMC

Name: MATEEN HAMEED

Employee No: 0000

Designation: Chairman

Date of Birth : July 01, 1944
Nationality : Pakistani
Religion : Islam
Marital Status : Married
Languages : English and Urdu



GLOBAL PMC (PRIVATE) LIMITED

PERSONAL PROFILE

Name: ABDUL RASHID

Employee No: 000

PMC

Designation: Consultant Electrical & Instrumentation Engineering

EDUCATION

Bachelor of Mechanical Engineering (B.E), 1968

EMPLOYMENT HISTORY

Present

1. *Consultant Electrical & Instrumentation (project to project basis)*

Global PMC (Private) Limited
(Jan. 2014 – To-date)

Past



2. *Head of Instrumentation & Electrical Department*

ENAR Petrotech Services Private Limited
(Sep. 1991 – Sep. 1994) & (Feb. 1995 – Dec. 2013)

EXPERIENCE PROFILE

- The work details in projects are as follows:

Project Description	Client	Responsibility
Engineering design of UCH II Gas Processing Plant ENAR Petrotech Services Private Limited	OGDCL	Supervision of complete Electrical and Instrumentation works for tenders of various units and packages for bids. Evaluation of bids, award of contracts, review and approval of engineering documents and factory acceptance tests. Preparation of tender documents for installation of different packages and units by contractors and bids evaluation.
Engineering design of JHAL MAGSI Gas Processing Plant ENAR Petrotech Services Private Limited	OGDCL	Supervision of complete Electrical and Instrumentation works for tenders of various units and packages for bids. Evaluation of bids, award of contracts, review and approval of engineering documents and factory acceptance tests. Preparation of tender documents for installation of different packages and units by contractors.
Engineering design of SINJHORO Gas Processing Plant ENAR Petrotech Services Private Limited	OGDCL	Supervision of all Electrical and Instrumentation works for tenders of various units and packages for bids. Evaluation of bids, award of contracts, review and approval of engineering documents and factory acceptance tests. Preparation of tender documents for installation of different packages and units by contractors.
Development of FEED documents for Adhi III Project ENAR Petrotech Services Private Limited	PPL	ENAR prepared complete Front End Engineering Document (FEED) and tender for bidding by EPCC contractors. The project bids were evaluated and forwarded to PPL for final selection of contractor. ENAR further scope is review and approval of engineering documents supervision of installation and commissioning.
OMV Wellhead and Compression Projects ENAR Petrotech Services Private Limited	OMV	Supervised various OMV wellhead and compression projects undertaken by ENAR.
LPG Plants Assignments ENAR Petrotech Services Private Limited	OGRA	Enar has been awarded several assignments by OGRA of LPG Plants and LPG bottling plants inspection and recommendation to meet the API requirements for such plants. My role has been to supervise the team of electrical/instrument engineers assigned on these projects, review inspection reports and recommendations.

 GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE
	Name: ABDUL RASHID
	Employee No: 000
	Designation: Consultant Electrical & Instrumentation Engineering
<p>Besides this I have also worked on OGDCL Kunner, Bobi, Dhodak LPG Plants for up gradation of control system and safety system. The major instrumentation included Storage tanks level measurement, metering, unloading system, fire & gas monitoring and detection system and safety shutdown systems.</p>	
Major Previous Projects	
<p>Supervised ENAR Petroleum Refinery I (EPRF I) and (EPRF II) electrical and instrumentation engineering, procurement, installation commissioning and operation/maintenance for several years. These were grass root projects with refining capacity of 3000 and 5000 BPD.</p>	
<p>FEED document for Parco's Asphalt Blowing Unit (ABU).</p>	
<p>FEED document for Parco's DHDS unit.</p>	
<p>FEED document for Attock Refinery Revamp and DHDS units.</p>	
<p>Review of APL pipeline and pump station control system design and supervision of installation and commissioning. The system included PLC based DCS SCADA System for Pump Station Terminal and Pipeline Control with Fiber Optics Communication System.</p>	
<p>Development of Front End Engineering Documentation (FEED) for Parco's White Oil Pipeline. Involved in the development of P&IDs, operating and control philosophy for pipeline operation. The documents included preparation of specification and data sheets for instruments, metering system, tank gauging system, PLCs, SCADA system, Fiber Optic and Telecommunication systems.</p>	
<p>Development of Front End Engineering Documentation for Attock Refinery Pipeline Project. Involved in the development of P&IDs, operating and control philosophy for pipeline operations. Prepared specification and data sheets for instruments, metering system, tank gauging system, PLC, SCADA system, fiber optic telecommunication system.</p>	
Detail Engineering for following major projects	
<p>OGDCL Qadirpur interim compression project involving installation of fourteen reciprocating compressors each of 45MMSCD capacity.</p>	
<p>OGDCL Qadirpur permeate compression project involving installation of two gas turbine compression trains.</p>	
<p>Relocation and installation of three gas turbine compressors from Pirkoh to OGDCL Qadirpur plant. The complete instrumentation and control system was replaced by the latest Solar system.</p>	
<p>OGDCL Qadirpur Gas Capacity Enhancement from 400MMSCFD to 600MMSCFD Project.</p>	
<p>NRL Lube Refinery Revamp Project, Pipeline, National Refinery Revamp-II, Ravi Chemicals Ltd.</p>	
<p>OGDCL Kunnar plant instrumentation and control system up-gradation. Development of detailed engineering documents and specification for the up-gradation of Kunnar LPG Plant Automation. It included replacement of pneumatic field instruments by electronic instrumentation and PLC based DCS system.</p>	
<p>Preparation of Electrical & instrumentation Package for Bosicor Pakistan Refinery Revamp Project for Capacity Enhancement.</p>	
<p>Preparation of detailed engineering package for Bobi LPG plant instrumentation upgrade and automation.</p>	
<p>3. Senior Instrumentation Engineer SAUDI ARABIAN BECHTEL COMPANY (Sep. 1994 – Jan 1995) Project: ARAMCO, RASTANURA Refinery Automation</p>	
<p>4. Principal Engineer ZELIN PRIVATE LIMITED (June 1991 – Sep. 1991)</p>	
Responsibilities	
<p>Responsible for the design of field instrumentation for WAPDA's Combined Cycle Power Plants at Kotri and Faisalabad.</p>	
<p>Provide instruments specifications, installation details for field instruments, cables and interconnections. Provide all installation materials quantities for the above project.</p>	



GLOBAL PMC (PRIVATE) LIMITED

PERSONAL PROFILE

Name: ABDUL RASHID

Employee No: 000

PMC

Designation: Consultant Electrical & Instrumentation Engineering

5. Instrument Engineer

ABQIQ PLANTS OPERATIONS ENGINEERING, ARAMCO, Saudi Arabia

▪ **The work details in projects are as follows:**

Design, Installation and Commissioning of process control and Emergency Shutdown Systems for Stabilizer Plants, NGL Plants, Pump Stations, Power Plants, Compressors and Turbines.

Rectification of problems, modifications, trouble-shooting and assisting maintenance in process control instrumentation and ESD systems.

Preparation of instruments specification, installation drawings, scope of work and coordination with consultants during the design phase of the project.

Selection and sizing of control valves, relief valves and flow meters.

Training of Saudi Engineers in instrumentation and controls.

Major Projects (ARAMCO, SAUDI ARABIA)

Coordination on the design, installation and commissioning of the Abqaiq Plants SCADA System, monitoring 6000 critical points.

Coordination on the design, installation and commissioning of the Abqaiq Plants Crude oil metering station.

Design/Commissioning of control rooms up-grade Projects for the Stabilizers Plant and Pump Stations.

Improvement of the Abqaiq Plants Emergency Shutdown System.

Implemented instruments preventive maintenance program in the Abqaiq Plants.

Abqaiq Plants Hydrocarbon Flow Balance project.

6. Head of Lamps Division

PARAMOUNT INDUSTRIES LIMITED (1969 – 1974)

Responsibilities

Responsible for the plant maintenance which comprises of automatic and semi-automatic machines for lamp manufacturing, vacuum pumps compressors, blowers and supervision of the maintenance workshop.

Personnel administration of about hundred workers in the lamp section.

Incharge for the production of different kinds of lamps and their quality testing. Development of economical methods for electric lamp manufacturing and improvement of quality.

7. Junior Engineer

ENGINEERING CONSULTANTS LIMITED (1968 – 1969)

Designing of Air-conditioning systems for multi-storied buildings. Design of Air-conditioning system for an Airport Terminal Building.

Hardware Familiarity:

Fully conversant with pneumatic and conventional electronic instruments of various manufacturers.

Familiar with Fisher, ICI, Masoneilan, Valtek and Serk control valves.

Implemented micro-processor based control systems such as Foxboro's Videospec/ Microspec, Fox1A, PSI's Micon P-200, MDC-200, Allen Bradley's PLCs and Westinghouse WDPF system on the Upgrade projects.

PERSONAL

Date of Birth : 8th July, 1946
Religion : Islam
Marital Status : Married
Languages : English and Urdu



PMC

**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Muhammad Alim ur Rahman

Employee No: 0001

Designation: Chief Executive

EDUCATION

B.E Mechanical Engineering 1993
NED University of Engineering & Technology Karachi, Pakistan

TRAINING / COURSES

- Microsoft Certified System Engineer + I 2000
- Pumps & Compressors – Short course held in collaboration of NED University & Petromen. 2002
- Project Management by PIM's 2008

EMPLOYMENT HISTORY

Present

Chief Executive July 2010 to-date
Global PMC (Private) Limited
Karachi, Pakistan

Previous

Principal Engineer June 2008 to-July 2010
(Engineering Manager, British Petroleum Design House)
JGC-DESCON Engineering (Pvt.) Limited
Karachi, Pakistan

Senior Mechanical Engineer June 1993 to May 2008
ENAR Petrotech Services Private Limited
Karachi, Pakistan

EXPERIENCE PROFILE

Present

As Chief Executive Global PMC (Private) Limited, heading a team of Design Engineers & Draftspersons for providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries, operation & maintenance services, regulatory compliance & safety audits, pre-shipment inspections, HAZOP's and other related projects.

Previous

Have more than twenty two years experience in the field of Project & Engineering Management, which includes Project Estimates, Detailed Engineering, Site/Construction Supervision, Regulatory compliance & safety Audits, Design vetting and Plant Operation & Maintenance, Annual turnaround & Facility Management services of Oil & gas, Power & Petrochemical Plants ensuring timely project completion according to governing codes, standards using latest computer technology.

Carried out number of activities like development of Engineering Calculations, Piping Plans, Isometrics, Pipe Supports, BM/BQ Preparation, Specifications for Materials, Project Schedules, procurement activities, Supervision/Planning for Site activities etc.

Have excellent knowledge of engineering design codes such as ASME, NFPA, API, ANSI, MSS, etc. I also have excellent knowledge of P&ID's, Mechanical, Civil, Structure, Instrumentation and Electrical drawings & Documents.

While working in ENAR Petroleum Refining Facility as a Plant Manager, I gained in-depth knowledge of plant operation techniques, maintenance problems & schedules and annual turn around activities.



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Muhammad Alim ur Rahman

Employee No: 0001

Designation: Chief Executive

The work details in projects are as follows:

Project Description	Client	Responsibility
Designing for Gas Pre Treatment Unit (GlobalPMC Pvt. Ltd)	ATG Hamriyah UAE	Engineering Manager for development of Design documents (BID Level) for Gas Pretreatment Unit of OGDCL's for EPC bid. (In progress)
Designing of Water Bath Heater unit (GlobalPMC Pvt. Ltd)	ATG Hamriyah UAE	Engineering Manager for development of Design documents (BID Level) for Water Bath Heater unit of OGDCL's for EPC bid. (In progress)
Up gradation of Hydrocarbon Handling Facility (GlobalPMC Pvt. Ltd)	Pakistan state Oil	Engineering Manager for up-gradation of Product Handling Facilities at Lalpir Depot (In progress) .
Desining of 2000 barrels/day Condensate Stabilization Unit (GlobalPMC Pvt. Ltd)	ATG Hamriyah UAE	Engineering Manager for development of Process Design Package for 2000 barrels/day Condensate Stabilization Unit and Bid level documents for Mechanical, Electrical and Instrumentation for EPC bid. ATG Hamriyah UAE.
Up gradation of PMG Handling Facility (GlobalPMC Pvt. Ltd)	Pakistan state Oil	Engineering Manager for up-gradation of Product Handling Facilities at Sihala Installation of PSO, which includes hydraulics of pipelines, loading & unloading systems, Fire fighting system. Addition of storage. (In progress) .
Designing of Inlet Extension Pipe (Diffuser Pipe) (GlobalPMC Pvt. Ltd)	Pakistan Refinery Limited.	Engineering Manager for Detail Design Engineering of Inlet Extension Pipe (Diffuser Pipe)
Mechanical Design of pressure vessels (GlobalPMC Pvt. Ltd)	Sefec Engineering Limited.	Engineering Manager for designing of more than 30 vessels, columns & reactors for EPC bid.
Designing of 3-Phase separator & other vessels (GlobalPMC Pvt. Ltd)	ATG Hamriyah.	Engineering Manager for Process, Mechanical, Electrical & Instrumentation design of Several 3-Phase Separator Skids, Mercury Removal Vessels, Degassers etc.
Designing of CO² plant piping, structures and civil foundations. (GlobalPMC Pvt. Ltd)	Unicol Pakistan	Engineering Manager for Design and drawings (services) for CO ₂ Plant structure, skid foundations, pipe racks & supports, sleeper foundations, loading gantry, fire fighting system. etc.
Designing of 50' Dia self supported Storage Tank (GlobalPMC Pvt. Ltd)	Fluor Iraq	Engineering Manager for Complete Designing (Mechanical, Electrical & Civil) of 50' Dia self supported Storage Tank for Fluor Iraq
Case Study for Optimization of Transformer Oil Plant (GlobalPMC Pvt. Ltd)	Oil Industries Pakistan	Project Manager for Study of transformer oil process in order to eliminate operational and process error for achieving the required specifications



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Muhammad Alim ur Rahman

Employee No: 0001

Designation: Chief Executive

<p>Feasibility Study on Polymer manufacturing Pipes Facility (GlobalPMC Pvt. Ltd)</p>	<p>TCIL</p>	<p>Project Manager for the development of detailed feasibility for polymer pipes manufacturing plant.</p>
<p>Enhancing of PMG Decanting & Loading Capacity at PSO Shikarpur Terminal (GlobalPMC Pvt. Ltd)</p>	<p>Pakistan state Oil</p>	<p>Engineering Manager for the enhancement of PMG handling capacity at PSO Shikarpur project, which includes up-gradation of loading & unloading systems and fire water systems.</p>
<p>Enhancing of PMG Loading Points at PSO Machlika Terminal (GlobalPMC Pvt. Ltd)</p>	<p>Pakistan state Oil</p>	<p>Engineering Manager for the enhancement of PMG handling capacity at PSO Machlika project, which includes up-gradation of loading & unloading systems and fire water systems.</p>
<p>Enhancing of PMG Loading Points at PSO Chakprana Depot (GlobalPMC Pvt. Ltd)</p>	<p>Pakistan state Oil</p>	<p>Engineering Manager for the enhancement of PMG handling capacity at PSO Chakprana project, which includes up-gradation of loading & unloading systems and fire water systems.</p>
<p>Development of Fabrication Drawings for multi-storied complex steel structure (Global PMC Pvt. Ltd.)</p>	<p>Futehally Chemicals (Uniliver)</p>	<p>Engineering Manager for the Development of Fabrication Drawings for multi-storied complex steel structure and detailed BOQ</p>
<p>Stress Analysis of Utility Pipe Rack (Global PMC Pvt. Ltd.)</p>	<p>Byco Refinery</p>	<p>Engineering Manager for the stress analysis of utility pipe rack of under construction utility pipe rack.</p>
<p>Developmnt of Hysis Simulation Model & Cost estimate (Global PMC Pvt. Ltd.)</p>	<p>Heavy Mechanical Complex</p>	<p>Project Manager for the Development of Process Simulation model for the Kausar field of MKK concession with excel interface for engineers not familiar with Aspen-Hysis software. UEC formerly BP Pakistan</p>
<p>Relocation of 300 tons/day edible oil refinery (Global PMC Pvt. Ltd.)</p>	<p>Diada Foods</p>	<p>Engineering Manager for the relocation engineering of 300 tons/day edible oil refinery</p>
<p>Site Management Services (Global PMC Pvt. Ltd.)</p>	<p>Enar Petroleum Refining Facility-II</p>	<p>Site Consultant for the construction site of Enar Petroleum Refining Facility-II</p>
<p>220 tons/day Sulfuric Acid Plant (Global PMC Pvt. Ltd.)</p>	<p>Cactus fertilizer</p>	<p>Engineering Manager for the development of Process & Mechanical Package of 220 tons/day Sulfuric Acid plant</p>
<p>Design House of British Petroleum Pakistan Managed by DIPL, formerly JGC-Descon Engg. Pvt. Ltd.</p>	<p>British Petroleum Pakistan (Jun. 08 to Jul. 2010)</p>	<p>Engineering Manager for the design house consists of more than 32 Engineer's & draftsmen and handled projects of millions of US \$.</p>
<p>Inspection of LPG Production & Bottling Plants. (ENAR Petrotech Service Pvt. Ltd).</p>	<p>Oil & Gas Regulatory Authority(OGRA) (Sep.05 – May 08)</p>	<p>Project Sponsor for the inspections of different plants. I was the main contributor with OGRA for the development of regulatory compliance audit system in Pakistan. This Project involves collection of technical data / documentation, visual inspection of plant and facilities, assessment of plants for compliance of Codes/ standards & compilation of inspection report.</p>



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Muhammad Alim ur Rahman

Employee No: 0001

Designation: Chief Executive

<p>Enar Petroleum Refining Facility (EPRFIII) Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>Enar Petroleum Refining Facility (Aug. 07 – Nov. 07)</p>	<p>Project Manager for the development of detailed feasibility report, for the relocation of 25,000 bbls deep conversion refinery from USA. Visited USA for the detailed inspection, developed philosophy / procedures for dismantling, packing, loading, transportation to USA port and sea transportation to Karachi. Developed strategies for re- simulation, re-engineering, refurbishment of equipments, installation, erection and commissioning The total relocated cost of the plant are \$ 85 M.</p>
<p>Enar Petroleum Refining Facility (EPRFII) Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>Enar Petroleum Refining Facility (Dec. 06 – May 08)</p>	<p>Project Manager for the grass root pilot refinery project, this project involves the basic and detailed engineering design of process unit, off sites & utilities, procurement, construction and commissioning.</p>
<p>Bosicor Pakistan Limited's CDU revamp Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>Bosicor Pakistan Limited (Dec. 05 - to Dec.06)</p>	<p>Project Manager for the CDU unit revamp project, this project involves the development of Engineering Design Specification (EDS) packages for process unit, off sites and utilities. After revamp the processing capacity of the CDU unit increased from 12,000 bbls/day to 30,000 bbls/day.</p>
<p>Dhodak Expansion Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>OGDCL (Feb. 05 to Nov.05)</p>	<p>Engineering Manager for the development of FEED for EPC Contractor. This involves the relocation of unused LPG plant to Dhodak to cater the increased well productions with integration to existing plant.</p>
<p>Garhi Hassu LPG plant rehabilitation Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>OGDCL (Jul. 04 to Feb. 05)</p>	<p>Engineering Manger for the detailed engineering and inspection of LPG Plant (stored unused for last eight years) and assessment of the re-engineering & works required for the rehabilitation and installation.</p>
<p>Enar Petroleum Refining Facility (EPRFI) Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>Enar Petroleum Refining Facility (Jan. 03 to Jun. 04)</p>	<p>Plant Manager, solely responsible for the O & M EPRF-I during the first 18 months after the commissioning of refinery capable of processing 3000 bbls/day of local condensate. This project is the first of its kind in the country & providing strategic support to the defense forces of the Pakistan.</p>
<p>Condensate Processing Facility Project (EPRF-I) (ENAR Petrotech Service Pvt. Ltd).</p>	<p>Enar Petroleum Refining Facility (Apr. 98 to Dec.02)</p>	<p>Lead Design Engineer/Site Coordinator for the grass root (3000 bbls/day) pilot refinery project. This project includes basic engineering, detail design, procurement, & fabrication supervision of equipments, Pre-shipment inspection, construction supervision and commissioning of the plant.</p>
<p>Uch Gas Gathering Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>OGDCL (Jun. 98 to Sep.98)</p>	<p>Team Lead for complete cost estimate of gas gathering system from different wells to the Central Processing Facilities.</p>
<p>Dakhni Train II Project (ENAR Petrotech Service Pvt. Ltd).</p>	<p>OGDCL (Jun. 98 to Sep.98)</p>	<p>Team Lead for complete cost estimate of Dakhni Train II and Dakhni BMR Project. The objective is to increase the processing capacity of the existing plant from 30 MMSCFD to 50MMSCFD.</p>
<p>Coastal Refinery Project (ENAR Petrotech Service Pvt. Ltd)</p>	<p>Government of Pakistan (Sep. 97 to Oct. 97)</p>	<p>Team Lead for complete cost estimate of the grass roots refining complex capable of processing 120,000 bbls/day of crude oil.</p>
<p>Bobi Early Production Facilities Project (ENAR Petrotech Service Pvt. Ltd)</p>	<p>OGDCL (Jan. 97 to Mar. 98)</p>	<p>Lead Mechanical Engineer, responsibilities includes pipeline route selection, survey, alignment drawings, wellhead piping, design, procurement, quality control/ assurance documents etc.</p>



PMC

**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Muhammad Alim ur Rahman

Employee No: 0001

Designation: Chief Executive

Tando Alam Integrated Develop. Project (In collaboration with M/s. Alliance Engg. Inc. USA). (ENAR Petrotech Service Pvt. Ltd)	Oil & Gas Development Corporation Limited (Jan. 96 to Dec. 96)	Design Engineer , responsibilities includes pipeline route selection, survey, alignment drawings, wellhead piping and detailed engineering of Oil/Gas/Water separation satellites and central facilities.
Fuel oil supply to AES power plant Lalpeer. (ENAR Petrotech Service Pvt. Ltd)	Pakistan State Oil (Sep. 95 to Nov.95)	Design Engineer , responsibilities includes pipeline route selection, survey, alignment drawings, interconnecting piping with Lalpeer power plant facilities.
Hoechst Ravi Chemical Project (In collaboration with M/s. Lurgi, Germany), (ENAR Petrotech Service Pvt. Ltd)	Hoechst Ravi Chemical (Aug. 93 to Sep.95)	Design Engineer , responsibilities includes detailed engineering for production of PA, MA and DOP. The chemical plant is based on Lurgi GmbH processes. Also provide site supervision (site consultancy) services during the construction phase.

COMPUTER SKILLS


- MS Office, MS Project, Autocad & Other related engineering software's


AFFILIATIONS

- Life Member – PEC (Pakistan Engineering Council)
- Pakistan Petroleum Institute

PERSONAL

Date of Birth : 14th February 1967
Nationality : Pakistani
Religion : Islam
Marital Status : Married
Languages : English and Urdu

 PMC	GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE
	Name: Nasiruddin Shaikh	Employee No: 0003
	Designation: - Process Consultant	
EDUCATION <ul style="list-style-type: none"> ◆ Chartered Engineer from Institute of Chemical Engineers, United Kingdom. ◆ Bachelor of Chemical Technology from University of Karachi. (1999) secured First Class First Position (80.0%). ◆ Master of Computer Science (MCS) from PAF-KIET (2002) with CGPA 3.33. ◆ H.S.S.C. from Sind Muslim Science College, Karachi (1994) ◆ S.S.C. from Govt. Tech. High School, Karachi (1992). 		
TRAINING / COURSES <ul style="list-style-type: none"> ➤ In house training of Process Simulation using Hysys ➤ Advance Process Simulation ➤ Heat exchanger design using HTFS ➤ Installation and configuration of Fischer Delta V DCS ➤ Quality management system (ISO 9000:14000) 		
EMPLOYMENT HISTORY		
<u>Present</u>		
<u>I. Global PMC Private limited (July 2010 to To date)</u>		
<p>As Consultant Process Engineering for Global PMC (Private) Limited, providing process engineering services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries, operation & maintenance services, regulatory compliance & safety audits, pre-shipment inspections, HAZOP's and other related projects.</p>		
<u>II. Litwin PEL, L.L. C. Abu Dhabi (Oct-2009 to To date)</u>		
<p>Litwin is a well established engineering company, with more than 1000 references in Oil & Gas, Chemical & Industry, and Energy & Environmental projects. With about 1200 dedicated engineers, technical specialists and project managers, Litwin provides comprehensive engineering services, from feasibility studies through construction of plants on a turnkey basis, for clients worldwide. Litwin works in close partnership with major technology providers and develop alliances with reputable equipment manufacturers, seeking to optimize project management and technology-specific skills.</p>		
<p>Worked in the capacity of Senior Process engineer and involves in the following on-going projects:</p>		
<ul style="list-style-type: none"> a. Keyi Field production facilities, Sudan, a green field project, involved gathering network, inlet separation, Condensate stabilization, Gas compression and all associated utilities. b. Leading the project for Isomerate Quality Improvement of Ruwais Refinery, TAKREER. Project scope includes, detailed design, Procurement, Construction and Commissioning of Light Naphtha Splitter to reduce Cs content from Isomerization unit feed. c. Involved in the technical proposal preparation for following: <ul style="list-style-type: none"> • Early Production facilities for IPRC in Syria • Early Production Facilities for OMV-IRAQ in Kurdistan Region • Bitumen Production Plant for OMV-IRAQ in Kurdistan Region 		
<p>Carry out Process Simulation using Aspen Hysys, prepare PFDs, preliminary sizing for all major equipments, preliminary P&IDs for cost estimation purpose.</p>		

	GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE
	Name: Nasiruddin Shaikh	Employee No: 0003
	Designation: - Process Consultant	

Previous

III. Clough Engineering and Integrated Solutions (CEIS), Pty Ltd (May-07 to Jun-2009)

The Clough Group is one of Australia's largest multidisciplinary engineering, construction and asset management group's active in the international oil & gas, minerals, infrastructure and property industries with its Corporate Head Office located at Perth in the Western Australia. The Group's turnkey services range from complex front-end engineering design, construction, installation and commissioning to long term operations and asset maintenance. Major Clients of Clough Pakistan includes, Petronas Carigali, OMV, BHP, ENI, BP Pakistan, PPL, etc. Worked as Assistant Engineering Manager

IV. Nama Mott MacDonald (Oil and Gas Division – Abu Dhabi) (Nov-2006 to May 2007)

Mott MacDonald one of the world's foremost Multi-disciplinary Independent Engineering Consultancies with its Corporate Head Office located at Croydon in the UK. With a complement of 8,500 qualified staff worldwide providing an annual turnover in excess of 900 million US \$, Mott MacDonald have offices in more than 50 countries and a global experience spanning more than 130 countries. Major clients includes: ZADCO, ADCO, ADMA-OPCO, GASCO, TAKREER, ADGAS, QP, NPCC, etc. Worked as Senior Process Engineer

V. Dar-al-Riyadh Consultants, Saudi Arabia (Sep-2005 to Oct-2006)

Dar-Al-Riyadh Consultants is a leading Consultancy firm of Saudi Arabia. Major clients include Saudi Aramco, SABIC, Petro Kemya, etc. Worked as Process Design Engineer and involved in the following Project/studies:

VI. Petrosin Engineering (Private) Limited (March-2004 to August-2005)

Petrosin Engineering Private Limited is a leading Company of Pakistan in engineering design, fabrication, installation and commissioning of oil and gas processing plants. Company is also involved with operations and maintenance services. Worked as Senior Process Design Engineer and involved in following projects/bids:

VII. ENAR Petrotech Services (Private) Limited (May-2000 to Feb-2004)

ENAR is a leading design, engineering and consulting organization providing services of feasibility studies, process design, detailed engineering, bid evaluation and recommendation, project monitoring, inspection and construction supervision to the projects in the petroleum refining, storage and cross country pipelines, gas processing, chemical fertilizer and other sectors of the process industry. Major clients include OGDCL, NRL, PARCO, PSO, BP Pakistan, OMV, LASMO, PPL, etc. Worked as Process Engineer


VIII. Clariant Pakistan Limited (Sep-1999 to April 2000)

Worked as Trainee Officer in the following Sections

- Dyes/Chemicals Production & Utilities Generation
- Quality Control
- Environmental Safety & Health (ESHA)

EXPERIENCE PROFILE

Project Description	Client	Responsibility
ZAM North, ZAM B and ZAM D, tie-in detail engineering with Central Gas Processing Plant	BHP Pakistan	Process Engineering and leading the Process Team
Saqib-1A EWT Wellhead Development Facility	Petronas Pakistan	Process Engineering and leading the Process Team
Conceptual and Front End Design for Kandhkot Gas Purification Plant	PPL	Process Engineering and leading the Process Team
Latif-2 EWT Wellhead Development Facility	OMV Pakistan	Process Engineering and leading the Process Team
Rehamat Gas Field De-Bottlenecking Study	Petronas Pakistan	Process Engineering and leading the Process Team
Tajjal-1 EWT Wellhead Development facility	OMV Pakistan	Process Engineering and leading the Process Team

	GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE
	Name: Nasiruddin Shaikh	Employee No: 0003
	Designation: - Process Consultant	
Design House activities for BP to provide complete range of services for BP facilities in Pakistan	BP Pakistan	All process engineering activities
Level – 3 ESD and Depressurization system for Satah crude processing facilities	ZADCO, UAE	All process engineering activities
NASR offshore field development project, Conceptual and FEED development	ADMA-OPCO, UAE	Process Simulation, PFDs, P&IDs, equipment sizing, hydraulics
Zulf Artificial lift Project	Saudi Aramco	Process Simulation, Equipment Sizing, Process Datasheets
De-bottlenecking study of Yanbu Refinery Atmospheric Distillation column's pump around circuits	Saudi Aramco	Process Simulation, Equipment Sizing, Process Datasheets
Conceptual design of Brazed Aluminum plate type heat exchanger for Berri Gas Plant, Ethane and NGL Unit	Saudi Aramco	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets
Study of upgrade of North Refinery flare system of Ras Tanura Refinery	Saudi Aramco	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets
Study of up gradation of Relief system at Ras Tanura Refinery	Saudi Aramco	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets
Detailed Engineering design of CO ₂ pipeline	KDI, Saudi Arabia	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets
Preparation of Bid document of Pindori Gas plant Expansion Phase II	POL, Pakistan	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets, Technical bid preparation
Preparation of FEED study and Bid document for Orient Pakistan Inc. (OPI) Kausar and Umer fields	OPI, Pakistan	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets, Technical bid preparation
Condensate Processing Facility	ENAR Petrotech, Karachi	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets, Hydraulics calculations, Design Philosophies
Front End Engineering Design and development of surface facilities for Extended Well Testing (EWT) for Manazali – 1	MOL Pakistan	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets, Equipment list, Line list, Design philosophies
Front End Engineering Design for Relocation and up-gradation study of Fimakassar LPG Plant to Chanda Gas Field	OGDCL, Pakistan	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets
Front End Engineering Design of Adhi Gas Field to enhance the capacity of existing plant	PPL	Process Simulation, PFDs, P&IDs, Equipment Sizing and Process Datasheets, Equipment list, Line list, Design philosophies
Front End Engineering Design of Mazarani Gas Field to Install Gas Sweetening, De-hydration and dew point reduction	PPL	Process Simulation, PFDs, P&IDs, Process datasheets.
Dakhni Expansion study	OGDCL, Pakistan	Process Simulation, Plant Test Run
Capacity enhancement study of Dhodak field	OGDCL	Process Simulation, Equipment sizing and rating.
Preliminary Feasibility Study of Tangri & Mazari Gas Field	BP Pakistan	Feasibility study, Process Simulation, Equipments datasheets and Specifications
Development of System Curves of Kadanwari Gas Field Gathering lines	LASMO Oil Pakistan	Plant Test run, Process and hydraulics simulation, Study Report
Qadirpur Capacity enhancement project	OGDCL, Pakistan	Selection of Suitable membranes, hydraulics analysis, optimization of heat exchangers
Capacity Enhancement Study of Turk Amine Plant	BP Pakistan	Process Simulation, comparisons of different amine solvents, rating of equipments
Relocation study of Dhurnal LPG Plant to Hyderabad	SSGC, Pakistan	Process Simulation, Rating and sizing of equipments
De-Bottlenecking study of Propane Recovery Unit	NRL, Pakistan	Process Simulation, rating and sizing of equipments, Plant Test run
Process Selection & Screening study of Mari Gas Field	OGDCL	Comparison of various processes for gas sweetening and dehydration



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

PMC

Name: Nasiruddin Shaikh

Employee No: 0003

Designation: - Process Consultant

COMPUTER SKILLS


- Engineering Software (Aspen HYSYS, Complete HTFS Suit, WinSim (Design-II), SiNET, KORF Hydraulics, AMSIM, Line Sizing, Pump Sizing, Control Valve Sizing, Relief Valve Sizing, etc.)
- Microsoft Windows 2000/XP/NT, LINUX & UNIX
- C/C++ & Object Oriented Programming, COBOL Programming
- Visual Tools (Visual C++, Visual Basic, Visual FoxPro, Visual InterDev)
- Web Development Tools (Flash, Dreamweaver, Java, ASP, FrontPage)


AFFILIATIONS

Associate Member, Institute of Chemical Engineers, UK

PERSONAL

Date of Birth : 2nd Nov. 1976
Nationality : Pakistani
Religion : Islam
Marital Status : Married
Languages : English and Urdu

	GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE
	Name: Umair Baig	Employee No: 0006
	Designation: Process Consultant	
EDUCATION		
Bachelor of Chemical Technology, University of Karachi, Karachi, Pakistan 2003		
TRAINING / COURSES		
<ul style="list-style-type: none"> ▪ Hysis 2003 ▪ Aspen Plus 2007 		
EMPLOYMENT HISTORY		
<u>Present</u>		
Process Consultant Global PMC (Private) Limited		July 2010 to date
Senior Process Engineer Foster Wheeler Energy Limited, Readings, United Kingdom		May 2011 to date
<u>Previous</u>		
Process Engineer Petrofac Sarjah		July 2010 to May 2011
Process Engineer Foster Wheeler Energy Limited, Readings, United Kingdom		Feb. 2009 to July 2010
Senior Process Engineer ENAR Petrotech Services Private Limited, Karachi, Pakistan		June 2003 to Feb. 2009
EXPERIENCE PROFILE		
<u>Present</u>		
As Process Consultant for Global PMC (Private) Limited and Foster Wheeler Energy Limited, Readings, United Kingdom, providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, operation & maintenance services, regulatory compliance & safety audits, pre-shipment inspections, HAZOP's and other related projects.		
<u>Previous</u>		
Have more than seven years experience in the field of Process Engineering and R&D works, which includes FEED, Process Design & HAZOP's of Gas plants and refineries including Gas gathering & trunk lines, Gas oil separation plants, Gas treatment units (amine & glycol unit), LPG recovery units, Crude Preheat trains, gas condensate refining units, crude unit, Naptha splitting and stabilization system. Design of utility system such as fuel gas, hot oil system, condensate recovery system, steam distribution system, compressed air distribution system, etc.		
Hydrocarbon based R&D Preparation & Development of HMB, PFD's, P&ID's, process datasheets, simulations reports and FEED's		
The work details in projects are as follows:		
Project Description	Client	Responsibility
PSR2 2-Phase Hydrocracker (Unit 30) TA Projects (Foster Wheeler Energy Limited)	Melaka Refinery Malaysian Refinery Co (Sep.09 – Apr. 10)	Process Engineer for the development PFD's and P&ID's for the implementation of hydrocracker revamp project
Ras Tanura Integrated Project (RTIP) (Foster Wheeler Energy Limited)	Saudi Aramco (Feb. 09 to Aug. 09)	Process Engineer for the development & optimization of Process design document for pre-feasibility estimate for all the utilities.
120,000 BPDS Milford Haven Refinery Relocation Project (ENAR Petrotech Service Pvt. Ltd).	Bosicor Oils Pakistan Limited (Jun. 08 – Feb.09)	Lead Process Engineer for the development of Simulation model based on Qatar Marine Crude.

	GLOBAL PMC (PRIVATE) LIMITED	PERSONAL PROFILE
	Name: Umair Baig	Employee No: 0006
	Designation: Process Consultant	
40,000 BPBS CDU Revamp Project (ENAR Petrotech Service Pvt. Ltd).	Bosicor Pakistan Limited (Apr. 08 – Jun. 08)	Lead Process Engineer for the development of process simulation from test run data to final EDS packages.
Mild Vacuum & Visbreaker Unit (ENAR Petrotech Service Pvt. Ltd)	ENAR Petroleum Refining Facility (Sep. 07 – Apr. 08)	Lead Process Engineer for the development of Vacuum unit to recover middle distillate from atmospheric bottom and visbreaker to reduce the pour point of the vacuum bottoms.
Enar Petroleum Refining Facility (EPRFIII) Project (ENAR Petrotech Service Pvt. Ltd).	Enar Petroleum Refining Facility (Jan. 07 – Sep. 07)	Lead Process Engineer for the development of simulation for the relocation and enhancing the processing capacity from 15000 BPDS of Libon & Shale Oil to 23000 BPDS of local condensate and light crude oil.
Visbreaker pilot scale study Enar R&D Project (ENAR Petrotech Service Pvt. Ltd).	Enar Petroleum Refining Facility (Jan. 07 – Jun. 07)	Lead Process Engineer for carrying out several test runs on an in-house designed pilot scale visbreaker.
Enar Petroleum Refining Facility (EPRFII) Project (ENAR Petrotech Service Pvt. Ltd).	Enar Petroleum Refining Facility (Oct. 06 – Jan. 07)	Lead Process Engineer for conceptual, simulation, preheat train, equipment sizing, line hydraulics, control scheme, PFD's, P&ID's, flare system, offsite and utilities.
Simulation of Hydrotreater (ENAR Petrotech Service Pvt. Ltd).	Pak Arab Refinery (Jan. 06 – Oct. 06)	Lead Process Engineer for the simulation of middle distillate Hydrotreater and gas concentration units.
30,000 BPSD CDU revamp Project (ENAR Petrotech Service Pvt. Ltd).	Bosicor Pakistan Limited (Sep. 05 - to Jan. 06)	Lead Process Engineer for the simulation model covering preheat train modifications, addition of new preflash column and fired heater, modification in existing atmospheric column, naptha splitting and LPG recovery Unit.
FEED for TAY and SINJORO development Project (ENAR Petrotech Service Pvt. Ltd).	Oil & Gas Development Corporation Limited (Jun. 05 to Sep. 06)	Lead Process Engineer for the a complex surface facility and its integration with the existing BOBI LPG Plant of OGDCL. It includes process selection study, process simulation, development of PFD's & P&ID's
HAZOP study of Bhit plant (ENAR Petrotech Service Pvt. Ltd).	ENI (LASMO) May 2005	Participated in the complete HAZOP study of the Bhit plant.
Enar Petroleum Refining Facility (EPRFI) Project (ENAR Petrotech Service Pvt. Ltd).	Enar Petroleum Refining Facility (Jun. 03 to Jan. 05)	Technical Services Engineer responsible for the test runs to identification of bottlenecks, process simulation of plants, development of HMB across the columns, heat exchangers and furnaces. Carried out preflash overhead corrosion control study and successfully implemented.
<p>COMPUTER SKILLS</p> <ul style="list-style-type: none"> ▪ Hysis Aspen plus, Aspen B-JAC, Aspen HX-net ▪ Winsim Design II ▪ Pipesys, Pipesim ▪ Fisher First Vue ▪ HTFS+ ▪ Flarenet ▪ Korf ▪ HTRI ▪ Hands on DCS (DELTA V) <p>AFFILIATIONS</p> <p>AMIChemE (working towards chartered Status)</p> <p>PERSONAL</p> <p>Date of Birth : 27th June 1982 Nationality : Pakistani Religion : Islam Marital Status : Married Languages : English and Urdu</p>		



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: M. Aquil ur Rahman

Employee No: 0007

PMC

Designation: Senior Engineer (Civil)

EDUCATION

Bachelor of Civil Engineering 1990
NED University of Engineering & Technology, Karachi, Pakistan

TRAINING / COURSES

- ROADCAL 2003
- STAAD PRO 2007

EMPLOYMENT HISTORY

Present

Principal Engineer (Civil) July 2010 to-date
Global PMC (Private) Limited, Karachi, Pakistan

Previous

Cad Engineer (Self Employed) May 2005 to June 2010
Able Engineering & Construction Services, New Jersey, USA.

Site Engineer Mar. 2004 to Apr. 2005
Tariq & Associates, Karachi, Pakistan

Cad Engineer (Self Employed) May 2000 to Feb. 2004
Able Engineering & Construction Services, New Jersey, USA.

Highway Design Engineer May 1996 to Apr. 2000
Zafar & Associates, Karachi, Pakistan

Highway Design Engineer Oct. 1994 to Apr. 1996

Self Employed Oct. 1990 to Sep. 1994

EXPERIENCE PROFILE

Present

As Principal Engineer (Civil) in Global PMC (Private) Limited, leading a team of Engineers & Draftspersons for providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries and other related projects.

Previous

Have more than twenty years experience in the field of Civil Engineering and CAD drafting works, which includes Designing of buildings, roads, highways, flyovers etc.

**PMC****GLOBAL PMC (PRIVATE)
LIMITED****PERSONAL PROFILE**

Name: M. Aquil ur Rahman

Employee No: 0007

Designation: Senior Engineer (Civil)

The work details in projects are as follows:

Project Description	Client	Responsibility
Enhancing of PMG Decanting & Loading Capacity at PSO Shikarpur Terminal (Global PMC Pvt. Ltd)	Pakistan State Oil	Sr. Civil Design Engineer for the enhancement of PMC handling capacity at PSO Shikarpur project
Enhancing of PMG Loading Points at PSO Machike Terminal (Global PMC Pvt. Ltd)	Pakistan State Oil	Sr. Civil Design Engineer for the enhancement of PMC handling capacity at PSO Machike project
Enhancing of PMG Loading Points at PSO Chakpirana Depot (Global PMC Pvt. Ltd)	Pakistan State Oil	Sr. Civil Design Engineer for the enhancement of PMC handling capacity at PSO Chakpirana project
Development of Fabrication Drawings for multi-storied complex steel structure (Global PMC Pvt. Ltd.)	Futehally Chemicals (Uniliver)	Sr. Civil Design Engineer for the Development of Fabrication Drawings for multi-storied complex steel structure and detailed BOQ
Relocation of 300 tons/day edible oil refinery (Global PMC Pvt. Ltd.)	Diada Foods	Sr. Civil Design Engineer for the relocation engineering of 300 tons/day edible oil refinery
Design & Cad drafting services. (Self Employed)	Able Engineering & Construction Services New Jersey, USA. (May 05 to Jun.10)	Cad Engineer for the services of design engineering & drafting services to Able engineering for their high rise buildings, store sheds and other civil structures.
Construction of Govt. Degree College (Tariq & Associates)	Sindh Government (Mar. 04 to Apr. 05)	Site Engineer for the supervision of the construction activities of the Degree collage.
Design & Cad drafting services. (Self Employed)	Able Engineering & Construction Services New Jersey, USA. (May 00 to Feb. 04)	Cad Engineer for the services of design engineering & drafting services to Able engineering for their high rise buildings, store sheds and other civil structures.
Various Highway Design Projects (Zafar & Associates)	Federal & Provincial Government s (May 96 to Apr. 00)	Highway Design Engineer for various highway design projects, flyover and buildings projects in Pakistan
Various Highway Design Projects (Umar Munshi & Associates)	Federal & Provincial Government s (Oct 94 to Apr. 96)	Highway Design Engineer for various highway design projects, flyover and buildings projects in Pakistan
Supply of construction Chemicals (Self Employed)	Various Clients (Oct. 90 – Sep. 94)	Had been engaged in promoting and supply of construction chemicals to different industries and contractors.



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

PMC

Name: M. Aquil ur Rahman

Employee No: 0007

Designation: Senior Engineer (Civil)

COMPUTER SKILLS

ROADCALC 13.1 L-A
ETABS 9.5.0
SAFE 12.1.1
STAAD PRO 2006
AUTO CAD
MS OFFICE

AFFILIATIONS

Life Member – PEC (Pakistan Engineering Council)

PERSONAL

Date of Birth : 26th November, 1961
Nationality : Pakistani
Religion : Islam
Marital Status : Married
Languages : English and Urdu



GLOBAL PMC (PRIVATE) LIMITED

PERSONAL PROFILE

PMC

Name: Jawed Ahsan

Employee No: 0011

Designation: Head Inspections & Integrity Management

EDUCATION

B.E Mechanical Engineering 1993
NED University of Engineering & Technology Karachi, Pakistan

TRAINING / COURSES

•	ASNT Level-3 MT	2015
•	Basic Level Vibration Analysis (SKF)	2008
•	Authorized Pressure Vessel Inspector (API-510) (American Petroleum Institute)	2004
•	Certified CWB(Canadian Welding Bureau) Welding Inspector	2004
•	Level - 2 in Radiographic Testing (Recertification)	2003
•	Level - 1 in Ultrasonic Testing	2002
•	Level - 2 in Radiographic Testing (PAEC)	1997
•	Attended a Course on ISO - 9000	1996

EMPLOYMENT HISTORY

Present

Global PMC (Private) Limited Jul. 2010 to-date
Head Inspections & Integrity Management
Karachi, Pakistan

Previous

- **Enar Petrotech Services Pvt. Ltd.** Nov. 2008 to Nov. 2009
Inspection Engineer
- **Pak Arab Fertilizer** Oct. 2006 to Oct. 2008
Section Head (Inspection)
- **Ranhill** Sep. 2003 to Sep. 2006
Inspection Engineer
- **Nespak** Jul. 2000 to Aug. 2003
Sr. Engineer
- **Sefec Engineering (Pvt.) Ltd.** Feb. 1993 to Jun. 2000
Quality Control Engineer

EXPERIENCE PROFILE

Present

As a Manager Inspection heading a team of Inspection Engineers for providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries, operation & maintenance services, regulatory compliance & safety audits, pre-shipment inspections, HAZOP's and other related projects.

Previous

Have more than twenty three (23) years experience in the field of Inspection of Pressure equipment as per API-510, performed basic pressure and thickness calculations for Pressure Vessels, Recommended repair Welding Procedures for defects in various Carbon Steel and Stainless Steel. Performed DPT & MT. Performed UT thickness readings. Failure investigation and fitness assessment of Pressure Vessels, Heat Exchangers, Tanks, Piping etc, External and Internal Inspection of Pressure Equipment, Risk based Inspection, Arranged Profile



GLOBAL PMC (PRIVATE) LIMITED

PERSONAL PROFILE

PMC

Name: Jawed Ahsan

Employee No: 0011

Designation: Head Inspections & Integrity Management

Radiography, UT Scanning, H Scanning of Furnace Tubes, Review of plant P&IDs/Drawings/inspection isometrics /integrity review documents, inspection planning, Inspection of on-going pressure vessels, Review & interpretation of inspection results, Evaluation of the long-term/short-term corrosion rates, assessment of remaining life & future inspection intervals, Recommendations to the owner/user, Inspection during repair of the heaters, review of welding procedures/parameters, non-destructive tests etc, Review of reports of advanced inspection techniques like IRIS, RFEC, Non Intrusive Corrosion Mapping, prepared inspection reports for columns, heat exchangers, heaters, tanks, pressure vessels, Familiar with activities related to flow line inspections, Inspection of flow lines, Familiar with the Well configuration, X-mas Tree Valves & piping related issues ,Familiar with activities related to calibration of pressure relief devices & calibration witnessing, General visual examinations & familiar with inspection techniques for the tanks

Project	Client	Responsibility
SHUTDOWN AND RBI/INSPECTIONS	Oman LNG	Head Inspections
SHUTDOWNS/ INSPECTIONS	Several locations Bangladesh	Head Inspections
SHUTDOWNS/ INSPECTIONS	Takreer Refinery	Sr. Inspection Engineer
DISMANTLING OF NH3 PLANT IN NETHERLANDS:	Pak Arab Fertilizer	Section Head
ADHI LPG/NGL PLANT II	PPL	Sr. Inspection Engineer
TURN AROUND 2005 ENGRO ASAHI PLANT	Engro Asahi	Inspector
LAHORE INTERNATIONAL AIRPORT PROJECT	CAA	Sr. Engineer
SHUT DOWN -2000 ICI PTA PLANT	ICI Pakistan	Inspector
ENGRO ASAHI PVC PLANT	Engro	Sr. Assistant Manager
FABRICATION OF DOCK LIFT STRUCTURE	Dockyard	Sr. Assistant Manager
HABIBULLAH COASTAL POWER PLANT	Babcock Wilcox Gama(Turkey) & Fiat Avio (Italy)	Sr. Assistant Manager
LIBERTY POWER PLANT PROJECT	Ansaldo (Italy) & Siemens	Sr. Assistant Manager
QAISAR LUCKY PETROCHEMICAL PROJECT	QAISAR LUCKY PETROCHEMICAL	Sr. Assistant Manager
DG KHAN CEMENT, MAPLE LEAF CEMENT	F.L Smith (Denmark)	Sr. Assistant Manager

COMPUTER SKILLS

MS Office, MS Project, Autocad & related engineering software's

AFFILIATIONS

Life Member – PEC (Pakistan Engineering Council)

PERSONAL

Date of Birth : 11th March 1967
Nationality : Pakistani
Religion : Islam
Marital Status : Married
Languages : English and Urdu



PMC

**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Tafseer Uddin Ahmed

Employee No: 019

Designation: Sr. Civil & Structure Engineer

EDUCATION

Masters of Structural Engineering NED University of Engineering & Technology Karachi, Pakistan	2011
B.E Civil Engineering NED University of Engineering & Technology Karachi, Pakistan	2006

TRAINING / COURSES

- Training on EAGLE POINT(ROAD CALC.)
- Training on AUTOCAD

EMPLOYMENT HISTORY

Present

Sr. Civil & Structure Engineer

Global PMC (Pvt.) Ltd. Karachi, Pakistan	April 2011 to-date
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Previous

Civil & Structure Engineer

AL-MUHANDIS	July 2010 to April 2011
ENGINEERS CONSORTIUM	July 2009 to June 2010
ARIF & ASSOCIATES	February 2007 to July 2009

Present

I am working with M/s Global PMC (Pvt.) Ltd. under the designation of Sr. Civil & Structure Engineer and leading a team of site engineers and draftsman for Civil Structure, Foundations and other complex works.

Previous

Have more than 6 years of experience in the field of Civil Engineering, which includes Designing, Detailing, model of structure, Bill of Quantities of steel structures and RCC structures for Oil refinery, Petrochemical facilities, Storage facilities, Structural Designing and detailing of Multistory Buildings, Textile Industries, Hospital Buildings and Educational Institutes, Vetting of Buildings.

Major responsibilities included the detailed Structural Designing and Detailing of Drawings. Coordination for evaluating and monitoring of Design projects along with uniformity, Consistency under approved Standards and Codes.

**GLOBAL PMC (PRIVATE)
LIMITED****PERSONAL PROFILE**

Name: Tafseer Uddin Ahmed

Employee No: 019

PMC

Designation: Sr. Civil & Structure Engineer

The work details in projects are as follows:

Project Description	Client	Responsibility
Enhancing of PMG Decanting & Loading Capacity at PSO Shikarpur Terminal (Global PMC Pvt. Ltd)	Pakistan State Oil	Lead Civil & Structure Engineer for the enhancement of PMG handling capacity at PSO Shikarpur project
Enhancing of PMG Loading Points at PSO Machike Terminal (Global PMC Pvt. Ltd)	Pakistan State Oil	Lead Civil & Structure Engineer for the enhancement of PMG handling capacity at PSO Machike project
Enhancing of PMG Loading Points at PSO Chakpirana Depot (Global PMC Pvt. Ltd)	Pakistan State Oil	Lead Civil & Structure Engineer for the enhancement of PMG handling capacity at PSO Chakpirana project
Development of detailed feasibility study of small crude oil topping unit (Global PMC Pvt. Ltd.)	Manshanat Brothers	Lead Civil & Structure Engineer for Development of detailed feasibility study on small crude oil topping unit
Developed Process Simulation Model of Gas Dehydration Unit (Global PMC Pvt. Ltd.)	Peoples Steel Mills Pakistan	Lead Civil & Structure Engineer for Developed Process Simulation Model & detailed cost estimate of Gas Dehydration Unit (for EPC Bid)
Developed Process Simulation Model Gas Sweetening Unit (Global PMC Pvt. Ltd.)	Peoples Steel Mills Pakistan	Lead Civil & Structure Engineer for Developed Process Simulation Model & detailed cost estimate of Gas Sweetening Unit (for EPC Bid).
Development of Fabrication Drawings for multi-storied complex steel structure (Global PMC Pvt. Ltd.)	Futehally Chemicals (Uniliver)	Lead Civil & Structure Engineer for the Development of Fabrication Drawings for multi-storied complex steel structure and detailed BOQ
Development of Hysis Simulation Model & Cost estimate (Global PMC Pvt. Ltd.)	Heavy Mechanical Complex	Lead Civil & Structure Engineer for the Development of Process Simulation model & Cost Estimate for the Sinjhora Field of OGDCL.
Relocation of 300 tons/day edible oil refinery (Global PMC Pvt. Ltd.)	Dlada Foods	Lead Civil & Structure Engineer for the relocation engineering of 300 tons/day edible oil refinery.
SQUARE ONE MALL (AL-MUHANDIS)	Plot # 118 Dis. East Karachi	Civil & Structure Engineer for 7 storied building
ALPHA PRIME (AL-MUHANDIS)	VIEW plot # 43 sector 51-A scheme 33	Civil & Structure Engineer for 12 storied building.
KASB BANK COMMERCIAL (AL-MUHANDIS)	2/4 block # 1 KDA scheme 5 Clifton	Civil & Structure Engineer for 32 storied building.
JS TOWER (ENGINEERS CONSORTIUM)	Plot # 28 SB-5 Sadar Bazar	Civil & Structure Engineer for 20 storied building.
AL AMIN TOWER (ENGINEERS CONSORTIUM)	Plot # A-909 sec. 11-B North Karachi	Lead Civil & Structure Engineer for 5 storied building.

**GLOBAL PMC (PRIVATE)
LIMITED****PERSONAL PROFILE**

Name: Tafseer Uddin Ahmed

Employee No: 019

PMC

Designation: Sr. Civil & Structure Engineer

MASJID ALLAHABAD (ENGINEERS CONSORTIUM)	Kandyaro SINDH	Civil & Structure Engineer for 100 dome and other structures
HASNI TOWER (ARIF & ASSOCIATES)	SB-1 sec. 1 Surjani Town Karachi	Civil & Structure Engineer for 5 storied building.
SUM SUM TOWER (ARIF & ASSOCIATES)	Plot # 1/A scheme 33 Karachi	Civil & Structure Engineer for 14 storied building.
AQILA ARCADE (ARIF & ASSOCIATES)	Plot # 3 block 3 KMCHS Karachi	Civil & Structure Engineer for 11 storied building.
INDUSTRIAL SHED (ARIF & ASSOCIATES)	METTATEX (PVT) LTD	Civil & Structure Engineer for complete design of large Industrial shed and allied facilities
PORT QASIM (ARIF & ASSOCIATES)	Plot # 22,23 & 24	Civil & Structure Engineer for complete design of large Industrial shed and allied facilities
GUARDS SHOPPING MALL (ARIF & ASSOCIATES)	BAB-E- BALOCHISTAN HUB	Civil & Structure Engineer for 4 storied building.
SUPER COMPOUND (PVT) LTD (ARIF & ASSOCIATES)	LX3/1 LANDHI INDUSTRIAL AREA	Civil & Structure Engineer for complete design of large Industrial shed and allied facilities

COMPUTER SKILLS

- MS Office
- AUTOCAD
- ETABS
- SAFE
- SAP
- STAAD

AFFILIATIONS

Member – PEC (Pakistan Engineering Council)

PERSONAL

Date of Birth : 05th May 1982
Nationality : Pakistani
Religion : Islam
Marital Status : Single
Languages : English and Urdu



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: *Farooq Mannan*

Employee No: 020

PMC

Designation: Principle Civil Engineer

EDUCATION

MBA (Evening Session) 2007
Institute of Business Administration (IBA), Pakistan
CGPA 3.0

BE - Civil Engineering (Batch 1998-1999),
NED University of Engineering and Technology, Pakistan
6th position, 87

TRAININGS/ WORKSHOPS / SEMINARS

Grid Leadership	PSTD, PAK
Seismic Analysis & Design	NED, PAK
Durable Concrete Construction	NED, PAK
Project Management Framework	PIMS, PAK
Problem Solving & Decision Making Skills	PIMS, PAK
Tekla Structure (X-Steel) Software	JGC-Descon (In-house)
Micro Station Software	JGC-Descon (In-house)
SPR & NavisWorks Software	JGC-Descon (In-house)
Primavera Project Planner P3 (version 6.0)	JGC-Descon (In-house)

CODES AND STANDARDS

ACI
UBC
BS
DIN
ASCE
ASTM
AASHTO
AISC – ASD & LRFD
Saudi ARAMCO Standards
West Pakistan Highway Codes
JPEP (JGC's Design Standards)

EMPLOYMENT HISTORY

Present

1. Principle Civil Engineer
Global PMC (Private) Limited
(July 2012 – To date)

Past

2. Senior Civil Engineer
Descon Integrated Projects Private Ltd (Formerly known as JGC-Descon)
(Nov. 2006 – Nov. 2010)



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: *Farooq Mannan*

Employee No: 020

PMC

Designation: Principle Civil Engineer

3. *Senior Civil Engineer*
Engineering Design Bureau (EDB)
April 2011 - October 2011

EXPERIENCE PROFILE

Present

As Principle Engineer (Civil) in Global PMC (Private) Limited, leading a team of Engineers & Draftspersons for providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries and other related projects.

Past

The work details in projects are as follows:

Project Description	Client	Responsibility
Up gradation of Hydrocarbon Handling Facility	Pakistan state Oil	Up-gradation of Product Handling Facilities at Lalpir Depot of PSO.
Up gradation of PMG Handling Facility	Pakistan state Oil	Up-gradation of Product Handling Facilities at Sihala Installation of PSO, which includes hydraulics of pipelines, loading & unloading systems with steel gantries, Fire fighting system. Addition of storage.
Designing of 3-Phase separator & other vessels	ATG Hamriyah.	Designing of skids including for Several 3-Phase Separator Skids, Mercury Removal Vessels, Degassers etc.
Designing of CO ² plant piping, structures and civil foundations.	Unicol Pakistan	Designing of CO ₂ Plant structure, skid foundations, pipe racks & supports, sleeper foundations, loading gantry, fire fighting system. etc.
Enhancing of PMG Decanting & Loading Capacity at PSO Hkarpur Terminal	Pakistan state Oil	Enhancement of PMG handling capacity at PSO Shikarpur project, which includes up-gradation of loading & unloading systems with new gantries and fire water systems.
Enhancing of PMG loading Points at PSO Machike Terminal	Pakistan state Oil	Enhancement of PMG handling capacity at PSO Machika project, which includes up-gradation of loading & unloading systems, gantries and fire water systems.
Enhancing of PMG loading Points at PSO Chakpirana Depot	Pakistan state Oil	Enhancement of PMG handling capacity at PSO Chakpirana project, which includes up-gradation of loading & unloading systems and fire water systems.
Development of Fabrication Drawings for multi-storied complex steel structure	Futehally Chemicals (Uniliver)	Lead Engineer for the Development of Fabrication Drawings for multi-storied complex steel structure and detailed BOQ



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: *Farooq Mannan*

Employee No: 020

PMC

Designation: Principle Civil Engineer

Relocation of 300 tons/day edible oil refinery	Dlada Foods	Lead Engineer for the relocation engineering of 300 tons/day edible oil refinery which Fabrication Drawings for multi-storied complex steel structure and detailed BOQ.
220 tons/day Sulfuric Acid Plant	Cactus fertilizer	Development of Process & Mechanical Package of 220 tons/day Sulfuric Acid plant including complex steel structure.
Sharourah Power Plant	Saudi Electric Company (SEC)	Design Engineer for design of foundations for GTG, Auxiliaries, Miscellaneous Tanks and Pumps along with design of Culverts and Trenches, Complete underground drainage network, Pipe sleepers, Roads & Paving, Fencing and Security Lighting.
Civil Works (Utilities) for New Ammonia/Urea Complex	Engro Chemical Pakistan Limited (ECPL)	Design Engineer for Analysis & design of Pipe racks and their Foundations, Miscellaneous equipment foundations for a new Ammonia/Urea fertilizer-manufacturing facility within its existing premises. Culverts along with Evaporation Pond were included in civil scope. StaadPro, Safe and Excel were major software for analysis & design.
FEDM for Chemical Plant Expansion Project	ICI Chemicals, Pakistan	A new multi floor steel structure, to support Reaction Vessel, Catch Pot & Condensers, was proposed to ICI Chemicals, Pakistan. Steel Structure was analyzed through StaadPro. Due to low soil bearing capacity, Pile foundation was provided for structure. Documents like detail drawings, MTO & BOQ were prepared as per JGC's standards.
Sawan – 11: Wellhead Development Project	OMV Pakistan (Ltd.)	Main wellhead structure and foundation, cooler foundation, vent stack along with the pipe sleepers were designed. Structural drawings were also prepared as per JGC's standards.
Hydrogen Per Oxide Project- Oxychem	Oxychem	Pipe Rack, Shelter, and other Utility Buildings were analyzed and designed in this project. Structural drawings were also prepared as per standards. StaadPro was used to analysis and design.
Mobilink – Alcatel (Equipment Swap Project)	Mobilink	Responsible for technical site surveying, design proposals, preparation of detailed engineering design documents (DED) for Rooftop or Greenfield sites together with Building Evaluations.
CMPak – Ericsson (Phase-IIIA Project)	CMPak-Ericsson	Design Engineer for Analysis & detailed design of complete Rooftop and Greenfield site coupled with soil investigation and site surveying.
Telenor – Huawei (Power Swap Project)	Telenor Pakistan	Design Engineer for Site surveying, analysis & detailed design of complete Rooftop and Greenfield sites were part of project scope for EDB



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: *Farooq Mannan*

Employee No: 020

PMC

Designation: Principle Civil Engineer

Telenor – ZTE (Equipment and Power Swap Project)	Telenor Pakistan	Design Engineer for technical site surveying, design proposals, preparation of detailed engineering design documents (DED) for Rooftop or Greenfield sites together with Building Evaluations.
PTCL-EVDO – ZTE (Expansion Project)	PTCL	Buildings were analyzed and foundations were designed in order to support self supported towers, ZTE equipments, Genset and other items like sun shed, cable bridge, etc
Mobilink – Alcatel (Equipment Swap Project)	Mobilink	Responsible for technical site surveying, design proposals, preparation of detailed engineering design documents (DED) for Rooftop or Greenfield sites together with Building Evaluations.
CMPak – Ericsson (Phase-IIIA Project)	CMPak-Ericsson	Design Engineer for Analysis & detailed design of complete Rooftop and Greenfield site coupled with soil investigation and site surveying.
Telenor – Huawei (Power Swap Project)	Telenor Pakistan	Design Engineer for Site surveying, analysis & detailed design of complete Rooftop and Greenfield sites were part of project scope for EDB
Telenor – ZTE (Equipment and Power Swap Project)	Telenor Pakistan	Design Engineer for technical site surveying, design proposals, preparation of detailed engineering design documents (DED) for Rooftop or Greenfield sites together with Building Evaluations.
PTCL-EVDO – ZTE (Expansion Project)	PTCL	Buildings were analyzed and foundations were designed in order to support self supported towers, ZTE equipments, Genset and other items like sun shed, cable bridge, etc

FIELD OF INTEREST

Project Management
Structural Designing
Planning and Scheduling
Contract & Claims Management
Execution and Site Supervision

COMPUTER SKILLS

SAP2000
Etabs
StaadPro
Safe
PCACol



**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: *Farooq Mannan*

Employee No: 020

PMC

Designation: Principle Civil Engineer

Tekla Structures (X-Steel)
Micro Station
NavisWorks
Smart Plant Review (SPR)
AutoCAD
MS Office

AFFILIATIONS

Life Member – PEC (Pakistan Engineering Council)

PERSONAL

Name: Farooq Mannan
Father's name: Abdul Mannan
PEC no: CVIL/ 24560
CNIC no: 42101 – 9065185 – 1
Passport no: AC0701851



GLOBAL PMC (PRIVATE) LIMITED

PERSONAL PROFILE

PMC

Name: Ahsan Abdul Ghani

Employee No: 0023

Designation: Process Engineer

EDUCATION

M.E Chemical Engineering 2013
NED University of Engr. & Tech.
Karachi, Pakistan

B.E Chemical Engineering 2010
University of Karachi
Karachi, Pakistan

SKILLS PROFILE

ASPEN HYSYS (7.3)
HTRI (Exchanger Suit 6.0)
KORF (3.0)

EMPLOYMENT HISTORY

Present

Process Engineer Jul. 2010 to-date
Global PMC (Private) Limited
Karachi, Pakistan

Visiting Faculty Jan. 2011 to-date
Dept. of Chemical Engineering
University of Karachi
Karachi, Pakistan

EXPERIENCE PROFILE

Present

In Process Engineering Department of Global PMC (Private) Limited, working with a team of Junior Process Engineers & Draftspersons or providing services to oil & gas, petroleum refining, chemicals, petrochemicals, storage terminals, pipeline, power plant, textile industries, operation & maintenance services and other related projects.

As Visiting Faculty Member University of Karachi, teach students, the following subjects:

- Chemical Process Design & Simulation (Aspen Hysys, Korf, HTRI)
- Instrumentation and Process Control
- Gas Engineering
- Petroleum Refinery Engineering
- Fluid Mechanics
- Heat Transfer
- Chemical Process Principles (Energy And Material Balance Calculations)

The work details in projects are as follows:

Project Description	Client	Responsibility
Designing for Gas Pre Treatment Unit (GlobalPMC Pvt. Ltd)	ATG Hamriyah UAE	Process Engineer for development of Design documents (BID Level) for Gas Pretreatment Unit of OGDCL's for EPC bid.

 PMC	GLOBAL PMC (PRIVATE) LIMITED		PERSONAL PROFILE
	Name: Ahsan Abdul Ghani		Employee No: 0023
	Designation: Process Engineer		
Designing of Water Bath Heater unit (GlobalPMC Pvt. Ltd)	ATG Hamriyah UAE	Process Engineer for development of Design documents (BID Level) for Water Bath Heater unit of OGDCL's for EPC bid.	
Desining of 2000 barrels/day Condensate Stabilization Unit (GlobalPMC Pvt. Ltd)	ATG Hamriyah UAE	Process Engineer for development of Process Design Package for 2000 barrels/day Condensate Stabilization Unit and Bid level documents for Mechanical, Electrical and Instrumentation for EPC bid. ATG Hamriyah UAE.	
Up gradation of PMG Handling Facility at Sihala (GlobalPMC Pvt. Ltd)	Pakistan state Oil	Process Engineer for up-gradation of Product Handling Facilities at Sihala Installation of PSO, which includes hydraulics of pipelines, loading & unloading systems, Fire fighting system. Addition of storage. (In progress) .	
Designing of 3-Phase separator & other vessels (GlobalPMC Pvt. Ltd)	ATG Hamriyah.	Process Engineer for design of Several 3-Phase Separator Skids, Mercury Removal Vessels, Degassers etc.	
Case Study for Optimization of Transformer Oil Plant (GlobalPMC Pvt. Ltd)	Oil Industries Pakistan	Process Engineer for Study of transformer oil process in order to eliminate operational and process error for achieving the required specifications	
Feasibility Study on Polymer Pipes manufacturing Facility (GlobalPMC Pvt. Ltd)	TCIL	Process Engineer for the development of detailed feasibility for polymer pipes manufacturing plant.	
Enhancing of PMG Decanting & Loading Capacity at PSO Shikarpur Terminal (GlobalPMC Pvt. Ltd)	Pakistan state Oil	Process Engineer for the enhancement of PMG handling capacity at PSO Shikarpur project, which includes up-gradation of loading & unloading systems and fire water systems.	
Enhancing of PMG Loading Points at PSO Machlke Terminal (GlobalPMC Pvt. Ltd)	Pakistan state Oil	Process Engineer for the enhancement of PMG handling capacity at PSO Machika project, which includes up-gradation of loading & unloading systems and fire water systems.	
Enhancing of PMG Loading Points at PSO Chakprana Depot (GlobalPMC Pvt. Ltd)	Pakistan state Oil	Process Engineer for the enhancement of PMG handling capacity at PSO Chakpirana project, which includes up-gradation of loading & unloading systems and fire water systems.	
Developed Process Simulation Model & detailed cost estimate of Gas Dehydration Unit (GlobalPMC Pvt. Ltd)	Peoples Steel Mills Pakistan	Process Engineer for development of Process Simulation Model of Gas Dehydration Unit (for EPC Bid)	
Development of Process Simulation Model & detailed cost estimate of Gas Dehydration Unit (Global PMC Pvt. Ltd.)	Peoples Steel Mills Pakistan	Process Engineer for development of Process Simulation Model of Gas Dehydration Unit (for EPC Bid)	
Developmnt of Hysis Simulation Model & Cost estimate for Amine Unit (Global PMC Pvt. Ltd.)	Peoples Steel Mills Pakistan	Process Engineer for Process Simulation of Gas Sweetening unit (for EPC Bid)	



PMC

**GLOBAL PMC (PRIVATE)
LIMITED**

PERSONAL PROFILE

Name: Ahsan Abdul Ghani

Employee No: 0023

Designation: Process Engineer

**Developmnt of Hysis
Simulation Model & Cost
estimate for Amine Unit**
(Global PMC Pvt. Ltd.)

**Heavy Mechanical
Complex**

Process Engineer for Process Simulation Model & detailed cost estimate of Gas Sweetening unit (for EPC Bid)

**220 tons/day Sulfuric Acid
Plant**
(GlobalPMC Pvt. Ltd)

Cactus fertilizer

Process Engineer for all process engineering activities for Development of design package for Sulfuric Acid Plant

COMPUTER SKILLS

- ASPEN HYSYS (7.3)
- HTRI (Exchanger Suit 6.0)
- KORF (3.0)
- MS Office
- Other related engineering software's

AFFILIATIONS

- Member – PEC (Pakistan Engineering Council)

PERSONAL

Date of Birth : 14th February 1988
Nationality : Pakistani
Religion : Islam
Marital Status : Single
Languages : English and Urdu