

MUHAMMAD HARIS

MECHANICAL ENGINEER

Flat# 820/C, Billy's Tower at Johar Morr Near Rashid Minhas Shaheed Road Karachi.

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SUMMARY

A competent professional have Progressive work experience in the field of Mechanical fabrication, Erection, Installation, Inspection and Designing. Ensuring compliance to quality standards and maintaining all related documents. Proficient in undertaking all activities related to Fabrication/Erection, Installation and Inspection of Welding, Piping, Pipelines, Storage Tanks, Vessels and Steel structure in accordance to international standards and project specification. Familiar with codes and standards ASME Sec IX, B31.1, 31.3, 31.4, API650, API510, AWS D1.1.

EDUCATIONAL PROFILE

- Professional Qualification
 - Bachelor of Engineering from **Quaid-e-Awam University of Engineering Science and Technology** in **Mechanical Engineering** 2013-2016.
 - Intermediate from **Board of Intermediate and Secondary Education Mirpurkhas** in **Pre-Engineering** 2011-2012.
 - Matriculation from **Board of Intermediate and Secondary Education Mirpurkhas** in **Science Group** 2008-2010.

PROFESSIONAL CERTIFICATION

- **Registered Pakistan Engineering Council (PEC) Engineer**
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PROFESSIONAL JOB PROFILE

Company:	PAK OASIS INDUSTRIES PVT. LTD
Period:	August 2018 to Present till Date.
Client:	Karachi Water & Sewerage Board.
Project:	Expansion, Rehabilitation and up- gradation of Sewage treatment Plant TP-I & TP-III
Position:	Mechanical Engineer.

Major Responsibilities:

- Planning and execution of projects including TPI & TP-III.
- Technical and Commercial Evaluation of Quotations.
- Ensuring appropriate purchasing of equipment's, construction & maintenance goods and/or services at the best possible total cost of ownership to meet the need of the end user.
- Inspection of Delivered items.
- Liaoning with the sub-contractors on regular basis to ensure the right design and manufacture of products to agreed budget and time frame.
- Responsible for pipes calculations, verification of the right material for the pipes, Hydraulic and CAD designing of the equipment parts.
- Preparing mechanical material submittals for the approval.
- Monitoring mechanical works on site.
- Maintenance of existing plants

Company: **SEFEC ENGINEERING**
 Period: **November 2017 to August 2018**
 Client: GASCO Pyt. LIMITED (Melbourne, Australia)
 Project: Installation of Air Preheater for F-101 Crude Furnace.
 Position: Mechanical Engineer (Piping, Structure, Stack & Duct)

Major Responsibilities:

- Managing the development and planning for, fabrication, Sand Blasting & Painting, Refractory, inspection, documentation, and operations activities.
- Monitoring the Daily Progress of the work.
- Execute all the work at Site.
- Coordinate and witness procedure qualification tests (PQR) and welder qualification tests (WQT) for welding activities in shop.
- Inspection for daily fit up of piping and structure and welds visual inspection and preparation of daily fit up and welding report.
- Site verification of piping plan before fabrication of piping spools beams columns and stack.
- Good working experience of P & ID, Piping Plan & Elevation and Isometric Drawing.
- Witnessing of structure marking, cutting and grinding as per drawing.
- Inspection of holes marking and dimension on plates and beams.
- Witnessing of cutting, marking of angles, c-channels, H beams and I beams as per IFC approved drawing.
- Visual inspection of all welding include squire joints, but joints, lap joints and fillet joints as per approved drawing and WPS.
- Inspecting Pre- assembling of structure before releasing for erection.
- Ensure and Supervise the Refractory Installation activities as per approved procedure, codes & Standards.

Client: ENAR PETROTECH REFINERY-II (EPRF-II)
 Project: Manufacturing OF EA 300 HEAT EXCHANGER.
 Period: April 2018 to May 2018
 Position: Mechanical Engineer

Major Responsibilities:

- Managing the development and planning for, Execution, inspection, fabrication Machining, documentation, and operations activities.
- Execute all the work at Site.
- Material Inspection (Welding Consumables and Incoming Material). As per relevant standards and project specification.
- Expediting the work with the implementation of Quality.
- Implementation of Quality relevant code and standard & Client specification.
- Supervise the work of Dismantling Heat Exchanger Tubes and Installation of New Tubes with A 179.
- Developing Procedures As per standards and project specification.
- Re-used of tube sheets, Baffle Plates, Tie Rods, Sealing strips, spacers etc.
- Supervise and inspection of Hydro testing of Supplied Tubes.
- Co-ordination with client for documents review of test packs.
- Assure the company QHSE policy.

Company: **GLOBAL PMC (PVT) LIMITED**
 Period: **January 2017 to November 2017**
 Client: DDFC Private Limited
 Project: MAINS BOILER PIPING at Pakistan Refinery.
 Period: OCT 2017 to Nov 2017
 Position: MECHANICAL & PIPING DESIGN ENGINEER

Major Responsibilities:

- Site verification of piping Plan before Designing of piping, supports and Structure.
- Good working experience of P & ID, Piping Plan & Elevation and Isometric Drawing.
- Making of As Built Data and Layout of PRL Boiler Location.
- Designing of the associated Mains piping for Boiler.
- Mechanical Documentation and Reports.
- Providing Isometrics, Drawings, and Data to client.
- Managing the whole Project and client.
- Developing the BOQ.

Client: Pakistan State Oil **(PSO)**
Project: FIRE GAP ANALYSIS OF ALL FACILITIES OF PSO.
(SANGHI, DAULTPUR, HABIBABAD, SARAI NAURANG,
MACHIKEY, MEHMOODKOT (JIMCO), CHACKPIRANA,
JAGLOT, TAARUJABBA, ZULFIQARABAD (ZOT),
PIPRI MARSHAL YARD (PMY) TERMINALS.
Period: Aug 2017 to Oct 2017
Position: MECHANICAL & PIPING DESIGN ENGINEER

Major Responsibilities:

- Supervising the Team and all Management at Site.
- Site verification of piping Plan before Designing of piping, supports and Structure.
- Good working experience of P & ID, Piping Plan & Elevation and Isometric Drawing.
- Making of As Built Data and Layout of Oil Facilities.
- Designing of the new piping & Mechanical System to update the Fire Fighting System.
- Designing of New tanks at Facility based on the requirement.
- Verification of P& ID.
- Mechanical Documentation and Reports.
- Providing Isometrics, Drawings, and Data to client.
- Managing the whole Project and client.
- Developing the BOQ.

Client: GASCO PAKISTAN/PPL Pakistan.
Project: RELOCATION OF HRL GAS COMPRESSION FACILITY TO
KANDHKOT.
Period: January 2017 to Aug 2017
Position: Jr. MECHANICAL & PIPING DESIGN ENGINEER

Major Responsibilities:

- Site verification of piping Plan before Designing of piping, supports and Structure.
- Verification of piping system as per manufacturer data sheets.
- Verification of P& ID.
- Mechanical Documentation and Reports.
- Detailed Design and Engineering.
- Verification and checking of Isometrics.
- Developing the BOQ.

Client: GASCO PAKISTAN/MOL Pakistan
Project: DETAIL ENGINEERING FOR TOLANJ X-1 WELLHEAD
DEVELOPMENT PROJECT.
Period: January 2017 to Aug 2017
Position: Jr. MECHANICAL & PIPING DESIGN ENGINEER

Major Responsibilities:

- Site verification of piping Plan before Designing of piping, supports and Structure.
- Verification of piping system as per manufacturer data sheets.
- Verification of P& ID.
- Mechanical Documentation and Reports.
- Detailed Design and Engineering.
- Verification and checking of Isometrics.
- Developing the BOQ.

COMPUTER SKILLS

- Operating Systems Windows, Primavera-P6, Micro Soft Office (complete package), AutoCAD, Pro-e & MS Project

Languages

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|-----------|------|--------|---------|
| • English | Urdu | Sindhi | Punjabi |
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PERSONAL-BIO DATA

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| • Fathers Name : | Shamsher Ali |
| • Date Of Birth : | 27-12-1994 |
| • CNIC No : | 44101-4202773-7 |