

MUHAMMAD AHMAD AWAN

Mobile: +966 580584567

E-mail: awan815@gmail.com

PROFESSIONAL PROFILE

- ✚ 10+ years experience in Projects, Maintenance jobs, Shutdowns, Fabrication and Installation of Piping and Plant Equipments, related to Oil & Gas, Petrochemical & Manufacturing Sectors.
- ✚ Well conversant with the applicable Codes & Standards for Construction, Repair, Materials and Inspection of Plant Equipments and Piping, i.e., ASTM, ASME, API, AWS, TEMA, SAUDI ARAMCO & SABIC.
- ✚ Worked as QMR in two companies, achieved IRCA approved Certifications on ISO 9001 and OHSAS 18001, Conducted more than 25 external **ISO 9001 QMS Audits** through Moody International Pakistan.

QUALIFICATION / CERTIFICATIONS / COURSES / TRAININGS

- ✚ **B.Sc. Engineering in Industrial & Manufacturing (Mechanical)** from University of Engineering & Technology Lahore, Pakistan. (2002-2005)
- ✚ **API 510 Certification**, Pressure Vessel Inspection (**Certification # 74004**)
- ✚ **API 570 Certification**; Piping Inspection (**Certification No. 45812**)
- ✚ **CSWIP 3.1 Level II**, Certification for Welding Inspection by TWI-UK (**Certification No. 88664**)
- ✚ IRCA approved **ISO 9001 Lead Auditor** Course A-17038 (LAC) by SGS Pakistan.
- ✚ IRCA approved **OHSAS 18001 Lead Auditor** Course (LAC) by Moody International Pakistan.
- ✚ One-day training program on “**Integrated Management System (IMS) Awareness & Implementation**” by Olayan Descon Industrial Company, KSA.
- ✚ Training course on “**Welding Procedure Specification & ASME section IX**” by National Institute of Design & Analysis, TUSDEC Pakistan.
- ✚ Training Course on “**Fire Prevention & Control**” by Olayan Descon Industrial Company, KSA.
- ✚ Training Course on “**Positive Material Identification**” by Olayan Descon Industrial Company.
- ✚ Training Course on “**ISO 9001 Documentation and Implementation**” by Institute of TQM Punjab University, Pakistan.
- ✚ Two-day training program on “**Kaizen- Integrated Productivity Improvement**” by NPO LCCI.
- ✚ One-day course on “**Engineering Procurement & Contracts**” by Pakistan Engineering Council.
- ✚ Training Program on “**Decision Making & Problem Solving Skills**” by WWF Pakistan.
- ✚ Workshop on “**Environmental Education for All**” by WWF Pakistan.
- ✚ Several Seminars on different Professional Topics.

WORK EXPERIENCE

OLAYAN DESCON INDUSTRIAL/ENGINEERING COMPANY **Lead QA/QC (Plant Services- BU)**

April 2011 – Present

Olayan Descon Industrial Company Ltd is an integrated Engineering, Manufacturing and Plant services company capable of handling medium to large size projects and achieving per excellence in engineering standards. The cumulative experience gained through the past 35 years has elevated the company to operate at the higher level of turnkey (Engineering, Procurement and Construction) contracts from small to medium size projects.

RESPONSIBILITIES

- ✚ Preparation and Implementation of QA/QC documents (Project Quality Plan, ITP, WPS, Weld Map, WQTRs & other related QC procedures) for all project phases, including design reviews, material selections.
- ✚ Quality monitoring for all stages of project construction including material receiving, fabrication processes, site erections, pressure testing, repair procedures, Tie-ins, walkthroughs, pre-commissioning activities and up to final acceptance to ensure compliance with applicable standards and project specifications.
- ✚ Assignment and supervision of QC Inspectors during pre-fabrications and Site activities.
- ✚ Direct supervision and participation in Quality Control activities during Shutdowns and Projects, right from material procurement to execution to prestart up and handing over.
- ✚ Determination of NDT requirements as per SOW and arrangement of NDT Subcontractors.
- ✚ Arrangement of final handover documentation (QA/QC Dossier/Turnover Packages).
- ✚ Responsible for ASME R-Stamp and U-Stamp jobs.

SOME OF THE JOBS PERFORMED:

PROJECTS

PROJECTS	CLIENTS
Installation of Backup Liquid Burn Pit Project at ABQAIQ Plant (Working as QC Manager)	ABQAIQ, Saudi Aramco
Construction of Separate Flare Stack System for Plant III. (March to October 2016, 08 months Project including Shutdown)	AR RAZI (SABIC E&PM)
Linde SIGAS2 EI Installation Project. (6 Month duration)	Linde-Dammam
Cold Box Revamp Project (Including Fabrication of Structural Integrated Piping Module) (6 months duration)	Petro Kemya (E&PM-SABIC)
IPC - Infrastructure Pipe Line Project (Ethylene Pipe line & RAW water Pipe line) (01 year duration)	SIPCHEM
Condensate Hammering Piping Modification Project @ MTBE Plant (Including Fabrication of ASME U-Stamp Vessel) (06 months duration)	SADAF (SABIC)
Construction of 24" GAN / GOX Pipe Lines from GAS-Jubail for PTC and PCC in Jubail-II. (06 months duration)	GAS-Jubail (SABIC E&PM)

Sectional Retubing of Water Tube Boilers # 11 & 13, at South Steam Plant. (03 months duration each)	ABQAIQ, Saudi Aramco
Installation of 6" New Flare Line from Olefins Storage Area to Existing LP Polyethylene Elevated Flare header. (01 year, one of short duration several design modification projects inside Saudi Kayan)	Saudi Kayan (SABIC E&PM)
Replacement of Tank Bottom/Annular Plates.	Saudi Kayan (SABIC E&PM)
Construction of Acetylene reactor's pressurizing line from ethylene vapour start up line in Olefins Plant.	Saudi Kayan (SABIC E&PM)

SHUTDOWNS

SHAUT DOWNS	CLIENTS
T&I Major T/A, EIS WORK, Nov. 2017	RasTanura Refinery, Saudi Aramco
Major T/A of Ethylene Plant, March 2016	SADAF (SABIC)
OPD2 Major Turnaround, Oct. 2015	Saudi Aramco Shell Refinery (SASREF)
DR Module-E Shutdown, April 2014	HADEED (SABIC)
VBU Shut downs, February 2014, 2018	Saudi Aramco Shell Refinery (SASREF)
TGU SDs - April 2018, January 2016, Nov. 2013	Saudi Aramco Shell Refinery (SASREF)
Installation of 3rd Stage Steam Re-heaters (K84-E-178 A/B) at Sulphur Recovery Plant (2013)	Khursaniyah Gas Plant, Saudi Aramco
Repair of defective packing sections of K86 Air Strippers, (R-Stamp Jobs in 2013 & 2014)	Khursaniyah Gas Plant, Saudi Aramco
Fabrication & Installation of Internals for Reactor and Regenerator at MTBE plant (2014 & 2012)	SADAF (SABIC)
Elbow Sleeve Fabrication & Installation at 24" Flare Line (with Online Welding)	SHARAQ (SABIC)

Third Party Inspection Services in Oil Gas & System Certification Services in Industrial Sectors.

Responsibilities:

- ✚ Job allocation and Supervision of Inspection Personnel assigned at sites (Construction and Inspection services for the extension of BP Onshore Facility at Badin, and MOL Gas plant in Kohat)
- ✚ Review of Project Quality documentation including ITP, WQTRs and Test Procedures.
- ✚ Development & Implementation of QMS in Inspection Division.
- ✚ Review and up-gradation of Quality Procedures, Work Instructions and Process Descriptions for effective implementation.
- ✚ Conducting Planned Internal Audits at sites and Moody Pakistan offices against Internal Handbook Policies and QMS for assessment of continual improvement.
- ✚ Responsible for Maintaining Corrective & Preventive actions log on corporate MIIWA system of Moody International on behalf of Pakistan office.(for both Quality & HSSE)
- ✚ Conducted **25 External QMS Audits** from the platform of MI Pakistan in different Industries.

HIGH-TECH NETWORKS LTD. ENGINEERING & SERVICES
ENGINEER PROJECTS/QC (FABRICATION UNIT)

April 2008 – September 2009

Fabrication & Installation of Fuel Storage Tanks, Sound Proof Enclosures and Steel Structures

Responsibilities:

- ✚ Preparation of QA/QC documentation as per job scope, client specifications and international standards; and coordination with clients for review and approval.
- ✚ Documents include ITP, Weld Map, WPS, WQTRs and test Procedures.
- ✚ Qualification of new welders, maintaining WQTRs and welders repair rate on monthly basis.
- ✚ Arrangements for Tests and NDE as per scope of work.
- ✚ Monitoring of shop fabrications and pre-shipment inspections.
- ✚ Execution of Internal Audits and QMS implementation at shop floor.
- ✚ Conducting Internal Audits, raising and maintaining NCR Log.

PAKISTAN SPRING & ENGINEERING CO. (Pvt.) LTD
ENGINEER PRODUCTION / QUALITY

January 2006 - April 2008

Auto Part Manufacturer and Specialized in Spring Manufacturing. Major Clients: HONDA, SUZUKI, YAMAHA, Millat Tractors, and Others

Responsibilities:

- ✚ Managing **P**roduction **P**lanning and **C**ontrol functions.
- ✚ Working on the Productivity Improvement of critical processes.
- ✚ Preparation and implementation of Product Quality Control Charts and Process Quality control Charts.
- ✚ Management Representative (MR) for **Q**uality **M**anagement **S**ystem.
- ✚ Working on documentation and implementation of **ISO 9001** within Company.
- ✚ Conducting Internal Audits against **QMS & ISO 9001**, and raising and maintaining NCR Log.
- ✚ Fabrication activities within company i.e., Fabrication of machine frames, modifications, Storage racks, Material handling trolleys for different manufacturing operations.