

SYED FAZAL ALI

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PROFESSIONAL SUMMARY

Personable communicator with eye for detail and efficiency. Adapts to team and customer needs to achieve collective goals. Proactive, results-driven and analytical team player. Capable individual with installation and repair knowledge. Takes ownership to thoroughly complete tasks and reach targets. Offers mechanical mindset and root cause analysis. Detail-oriented technical professional brings strong mechanical knowledge and thorough, attentive approach. Reliable in finding and reporting issues and working well with others to solve problems. Knowledgeable mechanical engineering team member focused on helping teams maximize function and performance with well-tested and fully-optimized designs. Learns quickly and understands complex design parameters. Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy. To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.

WORK HISTORY

SR. MECHANICAL INSPECTOR 07 July 2024 to Date

NEOM-ETSD Quality & Excellence, Shirma Tabuk, Saudi Arabia

Projects Handled:

Sindalah Neom, CLUSTER 1, 2 & 3.

07th, July. 24' – Till Date

Project Description:

CLUSTER 1: VILLAGE: SERVICED APARTMENTS (LUXURY)-115, SERVICED APARTMENTS (BONVEY)-216 & MANAGERIAL APARTMENTS-89

CLUSTER 2: YACHT CLUB & RESTAURANTS: RESTAURANTS = 6 & YACHT CLUB

CLUSTER 3: THE LUXURY COLLECTION RESORT: HOTEL – 50 ROOMS & VILLAS - 20

Key Result Areas:

- Reviewing the submitted documents like (ITP, MOS, Procedure, MIR & RFI) workflow in Aconex.
- Material receiving inspections as per approved ITP, MTC, Purchase order & drawings.
- Site surveillance inspections on daily basis.
- Prepare & issuing of Surveillance Observation Surveillance (SOR) & Non-Conformation Report (NCR).
- Witnessing for But Fusion welding Jointing inspection for joints of HDPE line.
- Attending pipe laying inspections for HDPE line.
- Review hydrotest packages for upcoming test & Punch Listing & Closing verification.
- Attending hydrotest witness inspections.
- Witnessing of Bolt Torquing inspection as per approved torque value and calibrated torque range.
- Collaborated with engineering team to complete project.
- Attending Testing and Commissioning activities.

SR. MECHANICAL INSPECTOR Aug 2023 to 06 July 24

NEOM-ETSD Quality & Excellence, Sharma Tabuk, Saudi Arabia

Projects Handled:

Spine 01 - Mountain Section Temporary Water Supply (84 Kilometers HDPE Pipeline): **28th, Aug. 23' – Till 06 July 24'**

Project Description:

Connection to supply at High Point Reservoir (HPR)

Tanker Filling Station (TFS) 04 Nos. Pumping Station (PS) 05 Nos. Storage Tanks 06 Nos.

Tapping Points 05 Nos.

Key Result Areas:

- Reviewing the submitted documents like (ITP, Method Statement) in Aconex.
- Material receiving inspections as per approved ITP, MTC, Purchase order & drawings.
- Site surveillance inspections on daily basis.
- Prepare & issuing of Surveillance Observation Surveillance (SOR).
- Prepare & Issuing Non-Conformation Report (NCR).
- Witnessing for But Fusion welding Jointing inspection for joints of HDPE line.
- Attending pipe laying inspections for HDPE line.
- Review hydrotest packages for upcoming test.
- Punch Listing before hydrotest.
- Punch Closing verification.
- Attending hydrotest witness inspections.
- Attending by-weekly meetings with contractor and PMC.
- Attending weekly meetings with ESTD PQS, PQM & RQM.
- Attending inspection of valve (Butterfly, Gate & Air Release) installation and mock-up inside Valve Chamber.
- Inspection of installation of Glass Fused to Steel Tank (GFS).
- Witnessing of Bolt Torquing inspection as per approved torque value and calibrated torque range.
- Collaborated with engineering team to complete projects.
- Led project scheduling and budgeting to successfully complete engineering projects within target parameters.
- Sourced and coordinated suppliers for fabrication and assembly processes.
- Demonstrated best practices in technical measurement and assembly to uplift output quality.
- Collated data to identify root causes of issues, minimizing repeat concerns.
- Observed industry trends to meet best practices and compliance requirements.

SR. MECHANICAL / WELDING INSPECTOR 11/2022 to 05/2023

Sadara, Jubail, Saudi Arabia

Projects Handled:

MFC & Plastics Turn-Around 2023: 14th, Nov. 22' – 31st, May. 23'

Key Result Areas:

- Attending inspection for the modification & new projects as per approved ITP's.
- Attending different kinds of material receiving inspection as per required project specifications.
- Doing punch listing of remaining works.
- Attending pneumatic & hydrostatic test inspections.
- Conducting reinstatement inspection before pre-com activities.
- Dossier reviewing and approving as per project completion.
- Demonstrated best practices in technical measurement and assembly to uplift output quality.
- Observed industry trends to meet best practices and compliance requirements.
- Developed and implemented quality assurance processes and procedures.
- Performed on- and off-site visual inspections of varied components.
- Collaborated with welding workers to identify and remedy repeat issues.
- Confirmed completed assemblies met final inspection requirements.
- Inspected work during and after installation to verify standards.
- Procured and coordinated testing materials according to individual project demands.
- Maintained quality assurance documentation for project monitoring and evaluation.
- Tested Welders and approved qualifications according to agreed standards.
- Approved fabricated assemblies for conformance with quality plans.
- Used PMI testing on materials and welds to verify quality compliance.

SR. MECHANICAL INSPECTOR 09/2021 to 04/2022

Sadara, Jubail, Saudi Arabia

Projects Handled:

CHEM & Hydrocarbon: 8th, Sep. 21' – 7th, April 22'

Key Result Areas:

- Attending inspection for the modification & new projects as per approved ITP's.
- Attending different kinds of material receiving inspection as per required project specifications.

- Doing punch listing of remaining works.
- Attending pneumatic & hydrostatic test inspections.
- Conducting reinstatement inspection before pre-com activities.
- Dossier reviewing and approving as per project completion.

QA/QC PIPING INSPECTOR 10/2019 to 11/2020

Sabir, Jubail, Saudi Arabia

Projects Handled:

GAS PHASE-9: 16th, Oct. 19' – 23rd, Nov. 20'

Key Result Areas:

- Reviewing and approving Project ITP's and Procedures as per project requirements.
- Doing inspections as per approved ITP's.
- Doing punch listing.
- Attending hydrostatic test inspections.
- Doing reinstatement inspection.

SR. MECHANICAL INSPECTOR 06/2018 to 06/2019

Sadara, Jubail, Saudi Arabia

Projects Handled:

CHEM & Hydrocarbon: Jun. 18' – Jun. 19'

Key Result Areas:

- Reviewing and approving Project ITP's and Procedures as per project requirements.
- Attending inspection for the modification & new projects as per approved ITP's.
- Attending different kinds of material receiving inspection as per required project specifications.
- Doing punch listing of remaining works.
- Attending pneumatic & hydrostatic test inspections.
- Conducting reinstatement's inspection before pre-com activities.
- Dossier reviewing and approving as per project completion.

SR. QA/QC 10/2017 to 12/2017

Sabir, Jubail, Saudi Arabia

Projects Handled:

SAFCO IV Reliability Improvement (RIP): 11th, Oct. 17' – Dec. 17'.

Key Result Areas:

- Doing inspection on Modification of primary reformer and convection bank, Pig tail replacement, Tube Replacement 408 each. Inlet manifold replacement, Reformed Gas Waste Heat Boiler, Secondary Reformer as per ITP's.
- Supporting PMT construction team during Construction activities.
- Attending line check with EPC inspectors.
- Making punch list's as per work completion.
- Doing punch clearing as after PMT construction conformation.
- Conducting pneumatic & hydrostatic test inspections.
- Dossier reviewing before handed over to pre-com.

SR. MECHANICAL INSPECTOR 03/2016 to 10/2017

Sadara, Jubail, Saudi Arabia

Projects Handled:

CHEM II: 28th, Mar. 16' – 12th, Oct. 17'.

Key Result Areas:

- Supporting C&SU in walk downs.
- Doing Walk downs for MCPN and MCC.
- Doing punch listing of remaining works.
- Reviewing and approving Project ITP's and Procedures as per project requirements.
- Assigning inspectors for daily schedule inspections and walk downs.
- Attending inspection for the modification projects as per approved ITP's.
- Dossier reviewing and approving as per project completion.

QA/QC PIPING & WELDING 12/2013 to 07/2015

Sabir, Jubail, Saudi Arabia

Projects Handled:

Carbon Black & MTBE of Saudi Elastomer Project (SEP): 3rd, Dec. 13' – 20th, July 15'

Key Result Areas:

- Reviewing and approving construction project documents and project ITPs with reference to project ITB while ensuring completion of work in compliance with ITP's.
- Conducting different kinds of material receiving inspection as per required project specifications.
- Conducting gravity, pneumatic & hydrostatic test inspections.
- Attending weekly quality meetings with Daelim (EPC) contractor.
- Managed underground (UG) and aboveground (AG) piping inspections.
- Pipe material receiving Inspection.
- Ensure proper storage and handling of fabricated spool.
- Inspection of trench and bedding prior to laying the pipe.
- Inspection of alignment of pipe, Fit-up Inspection, Witness lamination and bar-col test of lamination joints.
- Witness Key- lock joints & air leak test.
- Witness of bolt torquing Inspection.
- Gravity test of all types of underground piping.
- Witness of hydro testing.
- Conduct holiday testing.
- Monitoring daily welding inspections (Shop & Site).
- Making punch listing/outstanding items and verification closeout items before testing.
- Attended MC Walk through and making outstanding punches.
- Reviewed and approved quality dossiers.

QA/QC PIPING & WELDING 02/2012 to 10/2013

Sabir, Yanbu, Saudi Arabia

Projects Handled:

Ibn Rushd PET-II: 1st, Feb. 12' – 31st, Oct. 13'

Key Result Areas:

- Inspected Silo's assembling & welding works and ensured erection of the same as per ITPs.
- Conducting welder qualification test as per project requirements.
- Attended weekly quality meeting with **Sinopec** (EPC) contractor & RFTR Team.
- Managed underground (UG) and aboveground (AG) piping inspections.
- Pipe material receiving Inspection.
- Ensure proper storage and handling of fabricated spool.
- Inspection of trench and bedding prior to laying the pipe.
- Inspection of alignment of pipe, Fit-up Inspection, Witness lamination and bar-col test of lamination joints.
- Witness Key- lock joints & air leak test.
- Witness of bolt torquing Inspection.
- Gravity test of all types of underground piping.
- Witness of hydro testing.
- Conduct holiday testing.
- Monitoring daily welding inspections (Shop & Site).
- Making punch listing/outstanding items and verification closeout items before testing.
- Managed shutdown and Tie-in activities and inspections.
- Conducting inspection of different materials receiving per required project specifications.
- Conducting gravity, pneumatic & hydrostatic test inspections.

CONSTRUCTION & QA/QC ENGINEER 07/2010 to 01/2012

Govoni Sim Bianca Impianti (GSBI), Yanbu, Saudi Arabia

Project Handled:

400K/TA PP-New Silo's & Pneumatic Conveying System of NATPET: 1st, Jul. 10' – 31st, Jan. 12'

Key Result Areas:

- Reviewed and released for construction project documents.
- Conducting welder qualification test as per project requirements.
- Inspected Silo's assembling & welding works and ensured erection of the same as per ITPs.
- Interfaced with clients and coordinated with subcontractors **Al-Dossary** for project work.
- Served as site In-charge in absence of site manager.
- Conducted pneumatic & hydrostatic testing for CS & SS piping's.
- Managed & Coordinate with Clint for pre-commissioning and commissioning activities.

CONSTRUCTION ENGINEER (PIPING) 12/2009 to 02/2010

Arabian Amines Company (AAC), Jubail, Saudi Arabia

Project Handled:

Ethyleneamines: 17th, Dec. 09' – 28th, Feb. 10'

Key Result Areas:

- Monitored work executed by ECP consortium (**Hyundai & Hanwha**) and expedited the same to achieve the targeted timelines.
- Conducted hydrostatic/pneumatic test.
- Conduct underground (UG) and aboveground (AG) piping inspections.
- Conducted final alignment inspections for rotating equipment.
- Inspected insulation and painting works, project piping and pickling & passivation work for stainless steel piping and tanks.
- Reviewed & approved final documents (Dossiers) and attended weekly meetings with EPC contractor.

QA/QC ENGINEER 08/2007 to 03/2009

Siemens AG, Shuaibah, Jeddah, Saudi Arabia

Project Handled: Shuaibah III IWPP {Independent Water & Power Project of the Shuaibah Water and Electricity Company (SWEC)}: 1st, Aug. 07' – 31st, Mar. 09'.

Key Result Areas:

- Monitor & inspection of entire fabrication shop & site works as per procedures and specifications
Checked:
- NDE requirements are met as per-project specification and DWG.
- Welding consumables CS/SS & alloy steel material as per WPS.
- Conducted QA/QC audits for contractors and examined visually completed weld joints.
- Pipe material receiving Inspection.
- Ensure proper storage and handling of fabricated spool.
- Inspection of trench and bedding prior to laying the pipe.
- Inspection of alignment of pipe, Fit-up Inspection, Witness lamination and bar-col test of lamination joints.
- Witness Key- lock joints & air leak test.
- Witness of bolt torquing Inspection.
- Gravity test of all types of underground piping.
- Witness of hydro testing.
- Conduct holiday testing.
- Attend welder qualification test as per project requirements.
- Attending weekly quality meetings with **TATA, Encocorp, AIC** contractor.

QA/QC ENGINEER & EXPEDITOR 07/2006 to 08/2007

Mitsubishi Heavy Industries Ltd. (MHI), Jubail, Saudi Arabia

Project Handled:

AR-RAZI Methanol Plant V: 1st, Jul. 06' – 31st, Aug. 07'

Key Result Areas:

- Managed steel structure fabrication and checked fitment in accordance to WPS procedure.
- Attended weekly meeting with fabrication contractor **Al-Babtain**.
- Conducting inspection of steel structure materials receiving.
- Prepared test packages for hydrostatic/pneumatic testing of piping.

QC INSPECTOR 07/2005 to 01/2006

Mapco LLC, Dubai, United Arab Emirates

Project Handled:

Dubai Mall: 16th, Jul. 05' – 31st, Jan. 06'

Key Result Areas:

- Handled inspection & testing for electro-mechanical installations/erections as per ITP's/design specifications/drawings or contract's requirements and related activities like incoming materials, issuing NCR's and monitoring corrective & preventive actions.
- Conducting welder qualification test as per project requirements.
- Conducting inspection of different materials receiving.
- Developed ITPs method statements, QCPs & technical submittals etc.
- Liaised with Project Manager, HVAC design engineers, site engineer erection, installation personnel, consultants and suppliers.

WELDING & PIPING QC INSPECTOR 08/2003 to 07/2004

Chiyoda Petrostar Ltd. (CPL), Jubail, Saudi Arabia

SIPChem Complex Saudi International Petrochemical Company (SMJ): 23rd, Aug. 03' – 31st, Jul. 04'

PROJECT SUPERVISOR 10/2001 to 08/2003

Golden Achievement Gate (GAG), Jubail, Saudi Arabia

Fire Maintenance Contract in Saudi Iran & Steel Company (HADEED): 1st, Oct. 01' – 31st, Aug. 03'

ASSISTANT ENGINEER 06/2000 to 09/2001

Willich, Jubail, Saudi Arabia

Project of KEMYA & HITACHI: 1st, Jun. 00' – 30th, Sep. 01'

SUPERVISOR 03/1998 to 09/1998

Industrial Kinetics Engineering Services (IKES), Bluchistan, Pakistan

Shutdown/Outage 98' of Boiler Unit No. 3, 2 & 1 in HUBCO POWER PROJECT (4 X 323 MW) Oil Fired Thermal Power Station: 1st, Mar. 98' – 30th, Sep. 98'

QA/QC ENGINEER 10/1997 to 02/1998

AUATECH, Karachi, Pakistan

Project of Waste Water Filtration System for Racket & Colman of Pakistan: 31st, Oct. 97' – 25th, Feb. 98'

QC ENGINEER 03/1997 to 10/1997

Mitsubishi Heavy Industries Ltd. (Nichiman), Muzaffargarh, Pakistan

AES LalPir 362MW and AES Pak Gen 365MW Oil Fired Power Plant: 5th, Mar. 97' – 30th, Oct. 97'

QC SUPERVISOR 11/1994 to 02/1997

Ishikawajima Harima Heavy Industries Ltd. (IHI), Bluchistan, Pakistan

HUBCO POWER PROJECT (4 X 323 MW) Oil Fired Thermal Power Station: 1st, Nov. 94' – 28th, Feb. 97'

SKILLS

- Implementing QA / QC activities including sub-contractors works in accordance with approved PQP / ITPs, procedures, method statements and other contract documents.
- Developing, review and approval of:
- Procedures on NDT & Hydro/Pneumatic Testing, maintaining flow of test packages between Sub-contractor, Contractor & Representatives.
- Participating in technical discussions, developing & updating new specifications, evaluating subcontract documents.
- Working with a strong vigilance for any potential hazards by performing regular inspections and ensuring adherence to health & safety parameters as per the rules & regulations.
- Identifying & developing potential vendors in

- Welding documents, Welder Performance Qualification Records, Welder Continuity Records, Weld Maps & Welding Data Sheets. the market to meet capacity requirements, thereby facilitating purchase operations within the stipulated time frame.

EDUCATION

Associate's degree: **1994**
Government Saif-e-Eide-Zahabi Institute of Technol - Karachi / Pakistan

PERSONAL DETAILS

Nationality: Pakistan
Marital Status: Married
Visa Status: Valid Iqama

LANGUAGES

English

Fluent

Urdu

Native

Arabic

Intermediate

ACCOMPLISHMENTS

- PECB Quality Management (Conference) 2022.
- Supervised team of 20 staff members.

CERTIFICATIONS

- Attended QMS ISO 9001:2015 Quality Management System Lead Auditor Professional Training.
- Certificate course of draftsman (1991) YMCA Technical Institute Karachi, Pakistan.
- Non-destructive testing in accordance with recommendation of SNT-TC-1A (2006) & requirements of ASNT-CP-189 (2006):
 - o NDT Level – II in radiographic film interpretation (RTFI).
 - o NDT Level – II in Penetrant Testing (PT)
 - o NDT Level – II in Magnetic Testing (MT)
 - o NDT Level – I in R.T.
 - o NDT Level – I in V.T.
 - o NDT Level – I in P.T

TRAININGS

- Four weeks training of material testing from NDIC (Non-Destructive Inspection Company), Japan on behalf of Ishikawa Jima Harima Heavy Industries Ltd. (IHI) at Hub Power Project, 4 x 323 MW, Baluchistan.
- Special training and examination of behalf of Ishikawa Jima Harima Heavy Industries Ltd. (IHI) at Hub power Project, 4 x 323 MW, Baluchistan of Non-Destructive Testing (NDT) Level I in RT/PT & VT.
- Special training of safety rules & acceptor from National Power International, U.K. on behalf of Industrial Kinetics Engineering Services (IKES) at Hub Power Project, 4 x 323 MW, Baluchistan.
- Special training about issuance of work permit of outage/shut-down work from National Power International, U.K. on behalf of Industrial Kinetics Engineering Services (IKES) at Hub Power Project, 4 x 323 MW, Baluchistan.
- Training for work permits procedure from Hadeed safety department.
- Special personnel training & examination of Non-Destructive Testing (NDT) Level II in RTFI, PT & MT.
- Prime minister's special training program with the association of Overseas Pakistan's Foundation, Government of Pakistan for six-month skill training in welding trade.
- In House training by Amiantit representative Mr. Farooq for Fiber glass (FRP & GRP 2012 in PET-II).
- In House training by BONDSTRAND representative Mr. Stive (Key lock Joint, Adhesive Joint and Butt wrap Lamination 2014 in SEP)