

Mohammed Tawfig Khalil Suliman

 Mohammed Tawfig Khalil Suleiman محمد توفيق خليل سليمان	Contact Information	
	Address	KSA – Riyadh
	Mobile No:	kas+966-508147543 ksa+966-555212677
	E-mail:	moh.tawfeg@hotmail.com Msuliman@limak.com

Profile Summary

I am Proficient qualified Mechanical Engineer with More than 18 Years of professional experience in Quality and Assurance (QA/QC), welding (SAW/GMAW/FCAW/SMAW/LSAW/ERW), coating, Piping, Pipeline construction, steel structures, Water, Oil & Gas & Petroleum sector. I have good knowledge of applicable international codes; standards and I am having knowledge of different client's specification in the engineering work fields. Also, management and interpersonal skills. Seeking an executive work profile any progressive enterprise to share gained experience.

STRENGTHS

- ▶ (QA/QC) - Oil and gas Transmission and Storage and also Fabrication, Test and Inspection Performed
 - ▶ Inspection/checked/ witness of pipes manufacturing and related laboratory tests and checked related.
- ▶ Onsite Inspection/checked of different kinds of Valves/Flanges/Coupling and ductile irons pipes as per Specification.
- ▶ Review the pipeline design and interface with the relative process and Structures and installation.
- ▶ Assist the pipeline lead or the project engineering manager for solving technical problems.
- ▶ Prepare documents for approval from clients as per project requirement's and as quality assurance.

**MECHANICAL
ENGINEERING**

Nile Valley University (Faculty of Engineering & Technology)

- : ▶ NDT Level II in UT, RT, PT, MPT, VT as per ASNT Recommended Practice SNT-TC-1A.

Areas of Expertise

- ▶ Hafuof Water transmission System for **SWCC** -Saudi Arabia
- ▶ Taif & Baha (**Taif-Baha water Transmission System Project-SWCC**) Pipeline and Station.
- ▶ Eastern Province Water Transmission System---**SWCC**-Saudi Arabia

- ▶ Hafr Al Batain Water Transmission System —**SWCC**

- ▶ SAAD (WASIYA) Pipe Line –NWC (National Water Company)-Riyadh-Saudi Arabia.
- ▶ Riyadh Strategic Water Supply Scheme—National Water Company (NWC) Riyadh.
- ▶ Extension of Phase-1 Water Supply to villages at Hail Project –Saudi Arabia
- ▶ Riyadh New City Feeder Line Project – **SWCC-Saudi Arabia**.

• **Job types Performed at Fields/Factory/On Site for QA/QC:-**

- ▶ Inspection/checked/ witness of pipes manufacturing and related laboratory tests and checked related Raw material like steel coils/welding consumables etc. as per client's specification MO1, API 5L-PSL 2, API 1104, ASME SEC IX, ASME II, ASME A370, ISO 12094 & as per approved ITP Procedure, for different grades, thickness, diameters, PSL2/PSL1. Familiar with many welding process SAW/FCAW/TIG/SMAW/MIG/Brazing and familiar with different cutting process/Beveling process of steel pipes. Also conduct MPQT during start of project for qualifications of Items.
- ▶ Conduct Welder Qualification test before start welding joints of steel pipes on site /marks and and cut the joint welded pipes sample and sent to laboratory for Mechanical Test examination for welded portion and base metal as per API1104.
- ▶ Quality checked and related test carried out during installation/ of 19 tone boilers with Chimney and also checked the raw materials of related items /reviewed the test certificates supplied from manufacturer. Monitored and examined the workers/technician's fitters during works. Also checked the pumps/pipes/nozzles/tanks during fabrication and erections.
- ▶ Inspections/Witnessed & related laboratory test and checked the raw material/chemicals during coating of External 3 Layers polyethylene coating on steel pipe. Checked /External FBE/dual layer FBE internal Lining 3 layers polythene/Fusion bond (FBE) on steel pipes as per client specifications MO2 & DIN 30760/CSAZ 245.21. Also conduct Qualification test before start of production for 3LPE /FBE coating on different sizes of steel pipes.
- ▶ Checked/Inspection and witness of laboratory test during carried out for cemented mortar lining to Internal surface of 3LPE coated SAW welded pipes as per client's specifications/AWAA and with related international code and standard.

Proven Job Role

. Responsibilities/Role performing for and Safety:

- ▶ Follow and maintain Company standards of Quality in accordance with Company Quality system requirements.
- ▶ Maintain standards of safety and comply with Company's Health, Safety and Environment management System requirements.

- ▶ Take reasonable care of own health and safety and that of others in the workplace.
 - ▶ Provide technical information to Product Marketing on changing customer needs, competitive information, marketplace trends and new product development needs.
 - ▶ Prepare Safety Data Sheets (MSDS) on chemicals used in the workplace.
 - ▶ Investigated accidents and injuries. Documented the injuries; detailed the events leading to, during, and after the accident; and made recommendations to fix hazards
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Major Role & Responsibilities for Pipelines, Construction (Welding/NDT/Pipeline/QA/QC)

- ▶ Review Client's technical documentation and requirements and ITP/Codes before to start project.
- ▶ Ensure an adequate standard of technical documentation and contribute in updating company standards.
- ▶ Review the pipeline design and interface with the relative process and Structures and installation & Familiar with P&ID, Isometric & GA drawing.
- ▶ Prepare the technical specifications and data sheets for material purchasing.
- ▶ Assist with the selection of laying spread/methods and perform/review installation design analysis for the pipeline system.
- ▶ Verify and act upon the remarks of the Clients/Certifying Body and reply for any comments.
- ▶ Performed/Witness/monitored of Manufacturing Procedure Qualification Test: Rolling, NDT Test, Dimensional Test, Surface Visual Test, Hydrostatic Test and other related test. ▶ Perform/verify all discipline analyses and calculation notes required to design the pipelines system, including the engineering activities of third parties/sub-contractors.
- ▶ Assist the pipeline lead or the project engineering manager for solving technical problems arising during project development and for interfacing/supporting the procurement department & also familiar with PVC pipes steel and GRP materials.
- ▶ Prepare documents for approval from clients as per project requirement's and as quality assurance Plane.
- ▶ Familiar about different kinds of NDT machines/Checked the calibrations of NDT machines before to start NDT test also checked and review the NDT certificates of technicians/operations of NDT machines.
- ▶ Familiar with design reviews, subcontracting and pipeline installations.
- ▶ Internal Inspection/Check of all the fit-ups prior to full welding and after the welding.
- ▶ Reviewed the Material test certificates and test report for heat analysis and product analysis (chemical analysis) and factory test records and related test reports.
- ▶ Review/check of PQR / WQR / WPS & CLIEEN'S specifications.
- ▶ Prepare PQR/WQR/WPS as per requirements of project.
- ▶ Familiar/knowledge about different welding process like SMAW/SAW/FCAW/TIG GTAW/MIG/ERW and familiar about welding positions.
- ▶ Prepare NDT TEST procedure for UT/RT/PT/MPT/VT as per job requirements on site.
- ▶ Witnessed 100% mechanical test during MPQT and production of Pipes nanofabrication steel/mechanical Test like:--Tensile Test/Hardness Test/Charpy Impact test Chemical analysis test of Steel/Guided bend test as per code and standards and as per AWS D.1.1/API 5L/API 1104/API 650 and monitored and reviewed the test results after mechanical test/approved and sent to client.
- ▶ Ensure that the welding procedures are properly documented & meet with project requirements.
- ▶ Perform responsibilities of managing internal and external inspections as well as access the remaining operational life of the pipeline.

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Personal Details

Nationality: *Sudanese*

DOB *19th April 1977*

Marital Status: *Married*

**Languages: *English & Arabic* References
*available on request***