



Engr..Jawdat Subhi D. M. Alnajjar

Senior Ind. Mechanical Engineer

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E : Jawdat88@hotmail.com

Education:

Vordiplom : Mech. Engineering. (TU-Berlin1999)
Diplom : Industr.Production & Manufacturing
Admin.of factories (TU-Berlin1999)

Prof. Summary

Senior experienced in multiple &several, roles .
Consistently demonstrated excellence in areas of engineering and managed projects & Tasks to achieve constraints of scope, time lines, budgets and Regulatory requirements. +19 Yrs.

Areas of work

Civil & Industrial Construction, Plants, factories, Hospitals ,laborites' & other.
Oil & Gas
PM, O&M, tech.serv., ,planning.
Testing, purging, inspect., commiss.
QA/M, handover, training &seminars
Cost est.& evaluation, Design Review
Contract Admin., Production & Manu.

Language Arabic, English, German

Prof. Training

Compt. Engineering (hydr.&FEM
HSE for Plants
Instrumentation Engineering
CNC-machines
Workshop mechanic

Research:

Tribology (corrosions) ,PIN-PTFE/DISC (Boersig Werke).
Material tests SEM, DIX &TEM
Technical and economical Evaluation

Education

Background Mechanical Engr.+ Industrial Prod. cost accounting, Quality manag. & Assur., Deformat. & Assembly tech
Piston Machines (compress. pumps,..)
Synthetic and plastic material process.
Material science,

Codes & Standards

Welding & Brazing AWS,DIN,ISO
Leakage detecting systems
Testing NDT and DT-methods
HTM, QM ISO 9000, NFPA, ASHARE
MRO maintenance and Tech. services
AMSE,BS 3, piping systems standards
Liquid, Gas-machines, Generators
Storage Tanks,N2 Appl., H2O-stat.

Skills & Abilities

Autocad, P.flow , MS Office, Visio...
MS-Project,P3. Consulting

Stand

15/06/2020

(may2015-june2019) Mechanical& MPG Section Head : Saudi bin laden group SBG

Mega Project KFHS-650R. (Jeddah-KSA), King Faisal Hospital specialist & Research center.

- Studying a fundamental per contract requirements , codes, standards.....for several systems. (MGP & HVAC, Fire Fighting,water systems and other systems). to develop its achievement.with other Dep.
- Technical and economical cost estimation for material and work plan. Report to PD.(project Director)
- Selection of Subcontractor (Becon medaes-Dubai).refer to Qualification, material requirements &standards.
- Weekly protocol Meeting with CDS (consultant) to cover still opening questions and problems solving.
- Reviewing the medical gas piping design from the design office & Subcontractor 2& 3-D.Report to PD
- Reviewing the Material list (BOQ: Bill of quantities per Building), pipes, manifolds, compressors, AGSS, zone service area valves, isolation valves, control panels , Outlets, Bed Head Units Hill,Yard, pumps. Integration refer to BMS system.
- Reviewing the Material Submittal with the Subcontractor for assignment to be approved by CDS
- Reviewing Shop drawing design for Submittal (calculation, layout route & services sequence Special rooms
- Issuing of RFI request for information by not obvious cleared Tasks for the Consultant.
- Monitor the Technical Process generally ensuring the Subcontractor and consultant have addressed all issues concerning the provision of and coordination of mechanical services necessary for a fully functional hospital in coordination with planning and QC/QA-departments.
- Supervision of Site engineers for Equipments installation inside and outside of Buildings.
- Monitoring and Reviewing of all other mechanical systems such as (HVAC several filters,).
HEPA, pneumatic Tube system, neutralization system,, FF, piping sequence water supply and waste system)
- Re -design of critical Areas regards Norms and owner adjustments.
- Installation of alarm systems , online control panels for operation rooms.....

(April.2014–april2015) Engineering manager by N.company for Water works NCWW,riyadh

-lead the pre-contract activities for projects drink, sewagewater systems, Pumps **Anritz**

-Solution design ,team building, plan activities required , for installation projects for Equipment

-identification and execution of project scope changes ,estimation,bids. monthly report

-Lead the creation of project documentation, technical submittal , customer claims....

- Installation of Drink pump station for manfuha drink water pump station.

-technical evaluation and development of external suppliers.

-Lead the execution, and standardization.

-Subcontractor contract administration. Standard codes for pumps NEMA,DIN..Fire fighting UL

-Technical services monitoring installation, testing, handover, maintenance.

-Replacement of almanfuha pump station for Drink & Demotic water pumps.

**(april2009-march.2014) Technical Lead Project Engineer : Abdullah Hashim for Gas & Equipment
AHG TSD technical services department**

- Over-all management of the Tech services TSD with the clear objectives Goals.
- manage the delivery of maintenance services, taking responsibility for performance, human resource management, quality and profitability.
- Monitor performance and provide formal monthly & weekly reports for Dept. Manager confirming compliance with the requirements ...

KAUST:

N2 vacuum insulated stainless steel FAG pipe line 200 m x 2 inch

Sameref:(Aramco)

Liquid N2 system for pressure testing and purging stainless steel pipe :1.....2inch

liquid N2 system with liquid gas pumps+vapor system gate valve,barometer.....

purging and pressure testing of piping system B31 and other system components

p= 150, 50,15 bar leakage testing

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Liquid N2 system for pressure testing and purging stainless steel pipe :1.....2inch

liquid N2 system with liquid gas pumps+vapor system gate valve,barometer.....

purging and pressure testing of piping system B31 and other system components42 inch,4 km

p= 150 bar leakage testing

Projects:-

- **ALMUTLAQ** industrial manufacturing Plants Piping network
- Design, calculation, cost estimation, planning in coordination with customer.
.regards contract.(Industrial gas supply network& Fire Fighting)
- Execution of the piping network through welding ,brazing,plumbing.
- Installing of valves, regulators, outlets, pumps,gas liquid storage tank..)
- Purging, leaning and testing for leakage by max work pressure..
- Handover protocols in witnesses of customer personal.
- One week, following up system under function
- hyro- and leakage testing

. Hospitals:-

United Doctors,K.A.University clinc,Asir main Hospital,yanbu g.hospitalNajran & Sharora

- **Samref (Start Up 6 m)- ,Petro rabigh(Shut down 2 yrs) –project**
- Liquid Nitrogen Gas (LN) supply.
.coordination with the Customer the QM &QA introduction, plans, locations...
- Calculations of LNG quantities and testing of work machines for the projects.
- Installing of valves, regulators, outlets, pumps,gas liquid storage tank..)
- Purging, leaning and testing for leakage by max work pressure..
- Handover protocols in witnesses of customer personal.
- Seminar for customer technicians for right application
- Solving problems on Site in coordination with customer wishes.
- Installing of liquid gas storage tanks with all equipments for supply.
- Finishing daily work protocols and preparing plan for the next.
- Schematic Design of TS-system for approval
- QA/QC protocols per AHG & Aramco co-coordination:
- Assuring the acceptable quality of materials processes, and workmanship in the project work
- Monitoring and administering the QA/QC Plan
- Assisting Quality Assurance and Quality Control for the equipment's & mech.systems to
Accomplish the required performance of customers., contact 24h with control room..
- issue material protocols ,request for inspection, receiving work permission

Feb 2003-mar2006	Consultant Engineer	Wolfgang Engr office	Berlin-Germany
Feb 1994-m1996	Engineer assistant	KPM (K. Porc. Manufacture)	Berlin-Germany
Feb 1992- D 1993	Technical Mechanic	Lehe-Planen	Berlin-Germany

Personal DATA

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Iqama	Transferable,

