

102491-MEC-156DEVn-E-2005
Acting Mechanical Head (Engineering Dept.)

Holds a B. Sc. in Mechanical Power Engineering and has about 12 years hands-on experience working in design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/11/1981
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good
German : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D & 3D
: CAD WORX
: AUTOPOL
: Microstation, 3DM

TRAINING COURSES AND CERTIFICATIONS

: Self Studying: PDMS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2015 till now
Employer : MOHAMED ALI ALSWAILEM COMPANY (MASCO), Riyadh, Saudi Arabia
Project : INFRASTRUCTURE FOR HOUSING PROJECTS IN THE REGIONS OF KINGDOM (PACKAGE 3) - 9 cities with overall value of 840 million SAR
Job title : Acting Mechanical Head (ENGINEERING DEPARTMENT)

Dates : From Dec. 2012 till Sep. 2015
Employer : SAUDI PAN KINGDOM COMPANY (SAPAC), Riyadh, Saudi Arabia
Project : Contract 10 of NWC Strategic Reservoirs in Riyadh and pumping stations with overall value of 122,700 million SAR – D.I. Pipes up to DN 2000 mm
Job title : Senior Mechanical Engineer
Job Description :

- Pipes, fittings and Valves Material take off Preparation for 4 sites of the project.
- Material Submittals Preparation for consultant Approval for Pipes, Fittings, Valves, Pumps, Cranes, fans and every mechanical item.
- Drawing Submittals Preparation for consultant Approval for Piping General layout, Pumping Stations, Valve chambers, Flowmeter chambers.
- Material Inspection and quality control.
- Purchase order Preparation for all mechanical items.
- Following up Vendors for Material Supplying.
- Sites execution plan Preparation for piping activities and Pumping Stations.
- Installation of Mechanical piping, pumps, valves and every mechanical item.
- As built and handing over of the project.

Dates : From Apr. 2010 till Apr. 2012
Employer : SAUDI SERVICES FOR ELECTRO MECHANIC WORKS (SSEM), Riyadh, Saudi Arabia
Job title : Mechanical Technical Office / Tendering Engineer
Job Description :

- Material Take of preparation for pumping station 2 and 3 for RAS AZZAWR – RIYADH water transmission line project (900,000 m³/day) as per contractor consultant drawing (Engineering phase).
- Preparation of hydraulic calculation report including pipe sizing, pressure drop, fittings and flanges rating and pipe wall thickness calculation for RAS AZZAWR – RIYADH (900,000 m³/day) water transmission line project as per ASME B31.4, AWWA and API standers (Engineering phase).
- Material Take of preparation RAS AZZAWR – HAR ALBATEN (100,000 m³ /day) water transmission line project as per owner spec. (tendering phase).
- Material Take of preparation YANBU – MADENA (500,000 m³/day) water transmission line project as per owner spec. (tendering phase).
- Preparation of hydraulic calculation report including pipe sizing, pressure drop, fittings and flanges rating and pipe wall thickness calculation for crude oil system QURAYYAT Power Plant (2x70MW Gas Turbine) as per ASME B31.1, API standers (Engineering phase).
- Preparation of hydraulic calculation report including pipe sizing, pressure drop, fittings and flanges rating and pipe wall thickness calculation and material take off for Saad (Wasia) (500,000 m³/day) well field network (90 wells) Project (tendering phase).

Dates : From Nov. 2008 till Apr. 2010
Employer : POWER GENERATION ENGINEERING AND SERVICES COMPANY (PGESCO), Cairo, Egypt

Project : Abu Qir Power Plant 2x650MW with overall value of 1.8 billion US Dollars
Job title : Plant Design Engineer II
Job Description :

- Preparation of piping Material take off (MTO).
- Studying & preparation of General Piping Layout Drawings.
- Studying & preparation of Plan & Section Drawings.
- Studying & preparation of Isometric Drawings.
- Studying & preparation of 3D Piping (Solid Modeling) using AutoCAD, CADWorx & 3DM programs.
- Composite Drawings Preparation.
- As built works.
- Review and update the design drawings with the contractors drawing.
- Pipe wall thickness calculation as per ASME B31.1, ASME B31.3 and ASME B31.4.
- Determination of pressure rating for piping elements as per ASME B31.1, ASME B31.3 and ASME B31.4.
- Hydraulic calculation including pipe sizing, pressure loss and pumps sizing.

Dates : From Dec. 2005 till Oct. 2008
Employer : RELIANCE FOR HEAVY INDUSTRIES CO. (RHI), Cairo, Egypt
Project : Sinai White Cement Factory (line II) with 1300 ton/day Industrial water, Compressed air, fuel oil, thermal oil system & firefighting systems and group pyramids factory for industrial piping systems
Job title : Mechanical / Piping Engineer
Job Description :

- Preparation of piping Material take off (MTO).
- Studying & preparation of General Piping Layout, Plan & Section and Isometric Drawings.
- Studying & preparation of 3D Piping (Solid Modeling) using AutoCAD, CADWorx & 3DM programs.
- Execution Supervision for piping and equipment installation.