

Holds a B. Sc. in Production Engineering and has over 14 years hands-on experience working in construction field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/02/1980
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Production Engineering, Alexandria University, 2002

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: CAD programs: AutoCAD (2008-2010), Solid Edge V16 (3D CAD/CAM), Solid Works, Power Shape (3D)
: CAM programs: Edge cam v 10, Power Mill
: MS Project 2010
: MS Visio 2003
: Sage (database software)
: Plate 'n' Sheet Professional V4.05 (pipeline and piping fittings construction)

TRAINING COURSES AND CERTIFICATIONS

: Non- destructive test (NDT).
: Die design and selection (DDS).
: Material study and selection (MSS).
: Noise pollution control (NPO).
: Trainings at:

- Zahran Company (the Egyptian Company for Equipment & electrical Devices).
- Alexandria University workshop.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2017 till now
- Employer** : ELSEWEDY PSP
- Project** : Beni Suef Combined Cycle Power Plant (CCPP) 4800MW
(FTP fast track project)
- Job title** : Leader of piping construction team
- Job Description** :
- Preparing and reviewing up to date drawing Package-with T.O team (piping and piping support related to each piping system) with all required related documentation and information with subcontractor.
 - Reviewing issued Material Take-Off MTO for piping and piping supports and insuring its availability with technical office and material storage according to priority.
 - Following and reviewing all new rev. for updating with material and site execution.
 - Ensuring pipe specification specified on Line Designation Table LDT and P&ID are the same on IFC isometric drawing.
 - Reviewing Marking-up Piping P&ID and Isometric Drawing for showing loop Test Limits and visual part.
 - Prepare and review material requisitions and follow up availability to site for the deliveries.
 - Preparations, periodically reviewing and updating for progress follow up sheet prepared by execution team with respect to target date.
 - Push and motivates Supervision team to attain Project Target & Schedules.
 - Provide technical assistance to the piping superintendents and subcontractor.
 - Interpret conflicting design drawings with site situation with our consortium "SIEMENS" to resolve design and construction issues using related issued site instruction.
 - Monitoring the daily work activities of Sub Contractor for continues updating Progress Reports.
 - Actively working with the client to meet needs prior to and during project execution (Fast Track Project).
 - Reviewing the construction work package CWP, installation work package IWP which submitted from subcontractor prior to test pressure.
 - Assist and develop pressure test packages and responsible for witnessing, verifying and acceptance.
 - Provide regular status updates to management about duration of a project.
 - Reviewing any required AS BUILT Drawings for piping and piping support according to site requirement and related to SI (site instruction).
 - Inspection of piping works and making punch list for Hydro-testing.
 - Monitoring and supervising the punch list works (internal, official) for clarification.
 - Following Test Package Preparation with all required documentation and information (piping and support drawing, marked as built lines, welding map and all NDT document for related joint with agreement %, Heat Treatment (Heating-PWHT) package (Material type –HALLOY).
 - Follow all welding of various materials like C.S., St.St., P11, P22 and P91 and all welding activities as preheat, PWHT.

- Witnessing together with our commissioning team for all pressure testing up to handover.
- Monitor DE-watering & drying, reinstatement of system after testing.

Dates : From Jun. 2017 till Sep. 2017

Employer : Al Hashemiah International Contracting Company

Project : The Biggest Petrochemical Refinery Plant in the Middle East at Mostorod, Cairo

Job title : Lead Construction Engineer

Job Description :

- Responsible for all mechanical works, piping fabrication, erection, Remaining lifting operations (regarding to approved lifting plan) and piping supports installation in accordance with schedule, Procedures, Specifications, codes, industry standards, contractual requirements, Priorities and Availability of Construction Drawings.
- Monitor and recording all the work progress and project report status through Daily, Weekly and Monthly Progress Reports with technical office team.
- Identify areas of concerns and delays and establish methods for recovery.
- Reducing & Optimizing cycle time, repair and rework ensuring that the work is carried out as per standards, Drawing, maintaining Quality & safety, also Determining manpower, tools, equipment and material requirements for the craft.
- Inspection of piping works and preparing internal punch list for Hydro-testing.
- Monitoring and supervising the punch list (internal, official) closing for clarification.
- Witnessing together with client for all pressure testing.
- Monitor DE-watering & drying, reinstatement of system after testing.

Dates : From Oct. 2016 till Jun. 2017

Employer : Al Hashemiah International Contracting Company

Project : El Burullus Combined Cycle Power Plant (CCPP) 4800MW

Job title : Leader of mechanical team (Pressure & Non-Pressure activities)

Job Description :

- Supervising the site activities to ensure project schedule and quality compliance for all mechanical, equipment, piping and piping supports installation in accordance with standard codes and manufacturer's specifications.
- Responsible for all mechanical works, piping fabrication, erection, lifting operations (regarding to approved lifting plan) and piping supports installation in accordance with schedule, Procedures, Specifications, codes, industry standards, contractual requirements, Priorities and Availability of Construction Drawings.
- Understanding Project scope of work and decomposes it into Work Breakdown Structure (WBS) and work packages to be more manageable.
- Deal troubles which occurred during mechanical erection and/or piping fabrication according to deviation between actual situation and design plan and recording any change approved with supervision team (as built documents).

- Monitor and recording all the work progress and project report status through Daily, Weekly and Monthly Progress Reports with technical office team.
- Identify areas of concerns and delays and establish methods for recovery.
- Reducing & Optimizing cycle time, repair and rework ensuring that the work is carried out as per standards, Drawing, maintaining Quality & safety, also Determining manpower, tools, equipment and material requirements for the craft.
- Recording and reporting all the scenario of the claims/works suspended/modification & additional works.
- Preparation of As-Built Drawing.
- Material receiving and inspection.

Dates : From Aug. 2016 till Oct. 2016
Employer : MARIOUT for Engineering and Construction
Project : Suez CAP Project for Line 2
Job title : Site Manager
Job Description :

- Grinding coal mill heat source steel & duct pre-assembly and erection.
- Planning the delivery of the project (materials & tools) at hand according to requirement and activities plan.
- Overseeing operations of the whole site on a day-to-day basis and that a project comes in on time and in budget.
- Ensuring safety regulation during activity execution, also monitoring the progress of the project to make sure it will meet the project plan ensuring its completion within the agreed period.
- Responsible for the whole site activity and leading a sub-team responsible for all area and activities of the project.
- Reporting any problems or delays and troubleshoot any issues that may arise, as well as keeping them up to date with general progress.
- Ensuring quality construction standards and the use of proper construction techniques.
- Producing reports on each project sector at agreed intervals, and whenever substantive actions are required.

Dates : From Oct. 2015 till Aug. 2016
Employer : Arab Swiss Engineering Company (ASEC)
Project : Sinai Grey Cement Project -2 FLS lines (SGCC)
Job titles : Senior Inspection Engineer (PM department) / Lubrication & Grease Eng.
Job Description :

- Inspection:
 - Follow up all machine status according to FLS manual and working document.
 - Preparation suitable analysis of the problem which appears according to root cause analysis with maintenance team.
 - Recording all work orders using SAP (SAP WO) software and making full control about execution procedure (maintenance work follow up, checking execution).
 - Preparation of urgent reports for the urgent problems for avoiding any delay in Target plan.

- Good analysis and troubleshooting for the hydraulic circuit problems.
- Vibration:
 - Familiar with vibration activities using CMI device (routing data collection and suitable analysis for collected data Using Machinery health manager software.
 - Making balancing required job for imbalance equipment).
- Lubrication:
 - Following up the implementation of oil and grease program (daily, monthly and yearly Program) for all factory equipment.
 - Oil change program according to periodic interval for each machine and preparing related report including m/c status (leakage, change, required analysis).
 - Preparation of monthly consumption oil, lubrication drawbacks report.
 - Oil topping up, oil analysis test and oil change history card for each m/c.
- Courses Experience: "Hydraulic, Basic Principles and applications in cement industry", ASEC Training Center (Apr. 2016) (5 successful days of learning all basic and reading hydraulic circuit in general industrial application).

Dates : From Jan. 2015 till Oct. 2015
Employer : MARIOUT for Engineering and Construction
Project : Sinai Grey Cement Project -2 FLS lines (SGCC)
Job title : Project Technical Manager
Job Description :

- Technical Office Manager & Piping Erection Engineer.
- Shop drawing review & checking with engineering drawing for avoiding any conflict during construction process.
- Preparing Materials control sheets (SSS, BSD & ST. ST.) for material team for controlling shipment and issued material from and to site and follow it.
- Project time schedule & plan preparation and all necessary update according to project status.
- Erection of project piping including (Water, compressed air, CO2 & Coal piping plus hydraulic piping).
- Monthly Progress sheet preparation included (progress percentage % to cumulative progress).

Dates : From Aug. 2014 till Dec. 2014
Employer : Riga for industries & construction - Riga Egypt
Project : New Coal Grinding Mill Plant
Job Description :

- Grinding coal mill heat source steel & duct pre-assembly and erection.
- Preparation and checking for the drawing with the site for preparing built up drawing according to site condition & material to be erecting according to design and erection drawing (CITIC-drawing).
- Checking the statues of the fabricated parts and delivered for avoiding any problems during erection.
- Preparing the lifting plans and lifting calculation according to lifting information (weight of the load, cranes to be used, rigging devices,

- site condition).
- Updating the time schedule every day with the required information (progress percentage % for each activity, updating finishing date according to site condition).
- Site requirement preparation (tools, fabricated items to be delivered according to time schedule and erection plans date).

Dates : From Dec. 2013 till Jul. 2014

Employer : Riga for industries & construction - Riga Egypt

Project : Kubaisa Cement Company - Maintenance and operation contract (technical support) - 2 lines 3200 ton/day

Job title : Maintenance and Preventive M. Section Head (cement area)

Job Description :

- Surveying & Preparation of daily preventive maintenance activities in additional to preparation in upgrade of 3 cement mill for exceeding the productivity.
- Organizing the various professional team working on a project with the Iraq team for achieving maximum production and long term working for areas.
- Preparation of spare parts according to preventive activities and jobs for keeping long time working for all machines.
- Monthly reports recording of what has been accomplished, including the completion rate as well as comprehensive weekly reports of achievement.

Dates : From Feb. 2010 till Nov. 2013

Employer : The International Company for construction and special maintenance - INTERMAINT

Job title : Maintenance Engineer in the field of Heavy Industrial Plants and Cements Companies

Job Description :

- Representing the client's interest & agreeing project objectives.
- Surveying & Preparation of time schedule plan which include all project activities and commissioning Procedures.
- Organizing the various professional team working on a project.
- Follow & Supervision on working time by daily meeting for insuring that time schedule go like we planned and solving any obstacles which disrupt it.
- Daily activity reports recording of what has been accomplished, including the completion rate as well as comprehensive weekly reports of achievement as well as working invoice and following them.
- Working Sites:
 - Amreyah Cement Company - Cimpor Group: Planned shutdown (Shutdown dated by 10/2013).
 - National Cement Company: Planned shutdown (Shutdown dated by 8-9/2013).
 - EL SEWEDY Cement Company: Planned shutdown (Shutdown dated by 7/2013).
 - Amreyah Cement Company - Cimpor Group:
 - ❖ New Projects:
 - Changing the cracked section of mill #1 by replacement 2 meters by new one, also the old girth gear for the same mill after the end of the age is supposed to work:

- Project duration: planed duration 25 days - from 18/03/2013.
- Project Objectives:
 - ✧ Changing 1 section in the horizontal raw mill #1.
 - ✧ Changing the old girth gear of the raw mill #1 by new one.
- Reversing the mill girths gear and the east and west side pinion of line # I "Ball mill #2" for minimizing the vibration level to min. Level as possible (2.1 mm/sec.):
 - Project duration: 22 days (26/05/2012 to 16/06/2012).
 - Project Objectives:
 - ✧ Checking the statues of girths gear to can ensure that if we can reuse it or need to be change.
 - ✧ Minimizing the high vibration level recorded by the vibration team to min. level as possible.
- ❖ Planned shutdown & troubleshooting:
 - Planned shutdown of line # I - Amreyah line.
 - Planned shutdown of line II - Amreyah line. Responsible about mills and raw material area.
 - Planned shutdown of line III - Cimpor line – Jun. 2010 – responsible about fans area.
 - Planned shutdown of Preparation area (Crushing area) - Aug. 2010 (15 days).
 - Weekly overhauling according to owner plan and with area engineers.
 - Daily and weekly troubleshooting (suddenly and planned stoppage).
- Helwan Cement Company – Italcementi Group (Planned overhaul) with every planned:
 - ❖ Planned shutdown: Line II (new factory) suddenly shutdown. Project duration: from 26/06/2012 to 25/07/2012, Project Objectives: Scope of work which detected from preparation and mechanical team.
 - ❖ Maintenance and upgrade of cement mill #9 (feeding rate=120 t/h) bucket elevator and Mill inlet cone.
 - ❖ Planned projects:
 - Demolishing and erection of EP#5 isolated ducts using 120 ton crane (1.5 meter diameter ducts) for the old factory.
 - Demolishing and erection of EP#3 isolated ducts using two crane 120 ton and the other 80 ton (1.5 meter diameter ducts) for the old factory.
 - Demolishing of Cement mill #2 Trunion for making required repair and erection at cement mill #3 (same trunion) by using 1*500 ton jack for lifting mill body & 2*100 ton jack for demolishing old trunion bolts.
 - Installation of 2 electrostatic precipitator fan (EP FAN) #3, #4 for the plant #2 with its suction and ejection ducts.
- Abu Zaabal Fertilizer and Chemical Company (AZFC):
 - ❖ Projects:
 - CLIENT: ABU ZAABAL Fertilizer & Chemical Company.
 - ENGINEERING SERVICES PROVIDER (ESP): ARMACO Consultant Pvt. Ltd.

- CONTRACTOR: INTERMAINT.
- ❖ INTERMAINT Scope:
 - Demolishing, Fabrication and erection of new steel structure for the phosphoric unit.
 - Revamping of concentration of weak phosphoric acid and clarification system for weak and concentrated acid and revamping of existing tank farm for weak & concentrated acid.
 - Erection of new pipelines after reviewing site with design isometric and updating designs to site for avoiding any corruption according to design data (detecting make-up piece, suitable elbows, spacer width ...).
 - Supply, fabrication and erection of new belt conveyor (steel structure; walk ways, drive-driven steel structure, front- return rollers.....).
- ❖ Modification areas:
 - Phosphoric (concentration unit) plant:
 - Demolishing, fabrication and erection of old plants steel structure by new one.
 - Removing the old flashing chamber tank, condenser, florien tank.
 - Demolishing of old acid piping line (with Diameter 12", 16", 28" and 40").
 - Erection of vacuum pump for condensation tank.
 - Vertical Mill:
 - Fabrications and erection of new feeding belt conveyor from raw mat. Silo to mill (lupolco).
 - Demolishing of the old part for lupolco mill and erecting new spare parts after repairing defected parts (gearbox, mill table, table liners, table ring, whizzed gearbox ,.....).
 - Erection of clyde system line (material 8"and air lines 2", 3") with clyde tank and pre-paring the necessary tools and document for the commissioning.
 - Erection of process bag filter, dedusting filter and its air supply lines.
 - Demolishing and erection of screw conveyor from mill cyclone to hoppers.
 - Erection of main cooling lines 2" from source to cooling pump.
 - Erection of dedusting and process bag filter and their accessories (main body-header part-air diaphragm-inlet and outlet feeding ducts).
- ❖ Settling (clarification) area: Erection of thickener mechanism for concentrated phosphoric acid:
 - Project Designer: MIP process technology.
 - Project Owner: Abu ZAABAL Fertilizer and Chemical Company (AZFC).
 - Project duration: 30 days.
- Assiut Cement Company - CEMEX Group:
 - Projects:
 - ❖ Alternative fuel dosing of line 1 for reducing the amount of consumable fuel by using the wasted of the surrounding

atmospheric.

- Project duration: planned duration 3 months - from 25/10/2012 up to 1/02/2013.
- Project main component:
 - 3 belt conveyor.
 - Main bucket elevator.
 - Modification in the preheater.
 - Push floor (cooler mechanism).
- ❖ Reversing the mill girths gear and two east and west side pinion of line I "Ball mill #1" for minimizing the vibration level to min. level possible.
 - Project duration: 23 days (01/05/2012 to 22/05/2012).
 - Project Objectives: minimizing the high vibration level recorded by the vibration team to lowest rate as possible.
- ❖ Demolishing of boltless liners system of Cement mill #3 by new lock-liners and the old feeding chute by new fabricated one:
 - Project duration: 15 days.
 - Project Objectives: Changing cement mill system from boltless to bolt system.

Dates : From Aug. 2009 till Jan. 2010
Employer : Jabel Wenza for technical oil field services - JWCCO
Project : LP Gas compression at 103A -Tie-ins Piping Installation (First stage):

- Project Designer: Penspen Engineering.
- Project Owner: Zueitina Oil Company.
- Project duration: from Jul. 2009 to Mar. 2010.

Job Description :

- Coordinate progress meetings.
- Prepare materials take-offs.
- Prepare technical submittals.
- Follow up on progress according to design, engineering, and technical issues.
- Supervise daily site construction activities.
- Coordinate project activities with Subcontractors and monitors the implementation of Subcontract Agreements.
- As built drawings preparation.
- Making required reports for consultant and owner about site activities.

Dates : From Nov. 2008 till Aug. 2009
Employer : Salah Addin Construction Company for Petroleum field services - SACCO
Projects :

- Replacement of Costal 34"Pipeline from Km 35+682 to km 38+680 (TP-208317GT):
 - Project Owner: Sirte Oil Company.
 - Project duration: from October 2008 to June 2009.
- Rainwater Flooding-Brega Catchment Area-Relief Storm Drainage System (TP-4131 X):
 - Project Owner: Sirte Oil Company.
 - Project duration: from February 2009 to June 2009.
- Repair of Zelten-Brega main road 2008:
 - Project Owner: Sirte Oil Company.
 - Project duration: from May 2009 to Aug. 2009.

- Zelten GOSB underground drain lines Replacement (LF -7039):
 - Project Owner: Sirte Oil Company.
 - Project duration: from February 2008 to May 2009.
- Fabrication of Concrete Saddles for weighting 42" pipeline Gas Transmission Pipeline to Coastal Network (PN 1018-103A):
 - Project Owner: Zueitina Oil Company.
 - Project duration: from November 2008 to April 2009.

Job title : Planning & Coordinator Engineer for the company projects

- Job Description** :
- Prepare materials take-offs.
 - Prepare technical submittals.
 - Follow up on design, engineering, and technical issues.
 - Follow up on progress.
 - Set up construction plans.
 - Supervise construction activities.
 - Reporting daily construction activities.

Dates : From Sep. 2006 till Oct. 2008

Employer : The Universal Company for materials and furniture's – GITAL (ISO 9001)

Job title : QA/QC Engineer

- Job Description** :
- Responsible about pre-calcification of departments and sections of the company to obtain ISO 9001:2000 certificates during this period.
 - Responsible about achieving the quality assurance requirement on the system of the company for the different company sections according to ISO 9001:2000 systems.
 - Achieving the quality control plan on the product according to quality requirement of the TOP management and customer.
 - Detecting and following up non-conformity cases of products and detecting corrective actions for raising non-conformity case through follow-up reports and periodic inspection.
 - Coordination among the various sections and Power Administration and other departments to ensure the achievement of management functions.
 - Developing product plan (File product) for transforming different manufacturing processes from reliance on building and personal skills to code and Registered form by the future, comprehensive everything related products (design - quality - manufacturing processes).

Dates : From May 2005 till May 2006

Employer : Alexandria Clothing Company - Sherif Zohdy

- Job Description** :
- Planning Engineer for sewing units.
 - Sewing Lines Design Engineer.

Dates : From Jan. 2004 till May 2005

Employer : Mologora Egypt for trading and manufacturing (Mondial Egypt)

- Job Description** :
- Program mills and lathes by entering instructions, including zero and reference points; setting tool registers, offsets.
 - Set up mills and lathes by installing and adjusting three- and four-jaw chucks, tools, attachments, collets, bushings, cams, gears, stops, and stock pushers; indicating vices; trimming heads.
 - Maintain specifications by observing drilling, grooving, and cutting,

including turning, facing, knurling and thread chasing operations; taking measurements.

- Designer and Manufacturing Engineer of Mold dies by using CNC machine.
- Design of sheet metal dies.