Holds a B. Sc. in Electronics & Communications Engineering and has about 12 years hands-on experience in oil and gas industry dealing with all instrumentation and control system, Engineering and Maintenance.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	23/12/1983
Gender	:	Male
Marital Status	:	Married
Residence	:	Sharkia

EDUCATION

:	B. Sc. in Electronics & Communications Engineering, Zagazig University, 2005

LANGUAGES

Arabic	:	Native Language
English	:	Fluent
French	:	Basics

COMPUTER SKILLS

- Windows, MS Office (Word, Excel, Power Point), Internet
- EAM/CMMS (Maximo and Oracle)
- Project Management Software (MS Project, Primavera, etc.)
- Implementation Project: Team Leader in the implementation of maintenance at (Oracle eAM)
- MODWORX PRO for SCANNER 2000 Configuration
- Pactware (Pepperl and Fuchs) for temperature barrier configurations
- ZELIO software PLC to control small individual applications
- XP2i Data Logger XP to record pressure reading
- PLC (Control Logix) and (Micro Logix) programming and troubleshooting

TRAINING COURSES AND CERTIFICATIONS

- FS Engineer (Functional Safety Engineering), TÜV Rheinland.
- SMRP-CMRP: Certified Maintenance and Reliability Professional.
- Control Valve Engineering, OGS.
- Programmable Logic Controller (P.L.C), OGS.

- Safe use of Electrical Equipment (EX), TDD.
- Basic Instrumentation and Measurements, Global Technical Services.
- Working at height training course, BP.
- Fired heater training operation and instrumentation, OGS.
- DCS AC800F Training, ABB.
- Level measurement & ATG, OGS.
- Scanner 2000 configuration, Cameron.
- Micro logic control SLC, Sahara Group.
- Control Logix, Sahara Group.
- Turnaround and shutdown planning using Primavera P.6, AUC.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From 2017 till now
Employer	:	Khalda Petroleum Company
Job title	:	Planning & Reliability Dept. Head
Job Description	:	

- Schedule planning & allocating of manpower, materials & equipment related with all Maintenance and inspection jobs.
- Tracking for leak register, designed for a leak form on the Oracle system to track the leak and analysis for the reasons, BBL Loss due to this leak, evaluation and record for the used remedy methods.
- Designed for Quality collection plan for the daily production report and tracking, analyzing for failure reasons, BBL Loss, well test data Reports and Pareto charts.
- Tracking for failure set (Code, cause and resolution) and calculating for MTBF and MTTR (Availability and Maintainability).
- Weekly and monthly report to follow up Master Schedule Key Performance Indicators (KPIs).
- Leading all aspects of projects from start to finish including project team resource identification, stakeholder interface, project planning, requirements gathering, technical & functional documentation, issue tracking & resolution and lifecycle testing.
- Monitor the progress of maintenance activities, compile reports of actual progress against plan and KPI's to support improvement of planning and productivity.
- Review / develop scope of work, estimate resources and schedule the safe, efficient and cost effective maintenance activities to support execution of the engineering maintenance strategy.
- Coordinate and facilitate efficient and effective (Temporary Repairs) through specialist contractor resources.
- Support the development of SD/TA scope of work for assigned area to support ongoing reliability of plant and equipment.
- Print and deliver work orders to the skilled trades in conjunction with the weekly work schedule.
- Coordinate priority setting with the management team.
- Prepare a check list attached to each WO.
- Meeting for overdue WO's and Backlog, to identify the cause and plan.
- New asset definition (punish list for all departments).
- WBS (Work Breakdown Structuring), Budgeting & Cost Estimation,

- Stakeholder Management.
- Enterprise Asset Management (kicking-off):
  - Gathering all Assets data after building the hierarchy of the whole organization.
  - Building the TAG system for all assets and components and update them on P&ID.
  - Building an OEM (Original Equipment Manufacturer) system completed with all the available Models.
  - Building the hierarchy for all assets.
  - Management Project Control, Planning and Scheduling.
  - Developing and maintaining detailed project schedules and monitoring costs to ensure project schedules are on track and meet all deadlines; Coordinating with other departments (requisition of material, HR issues, determining manpower availability, as well as with the Safety & Quality Departments and Planning Department.
  - Building the standard Activity, BOM, Job Plans and failure codes for all assets.
  - Providing training to the resources during preparation and Go-Live for eAM system.

Dates	:	From Nov. 2011 till 2017
Employer	:	KHALDA-APACHE Egypt (Instruments Department)
Job title	:	Instrument & Planning Team Leader Engineer
Job Description	:	

- Troubleshooting & Maintenance for D.C.S System AC 80.
- Calibration Level, Flow & Pressure Transmitters (by Hart Communicator).
- Maintenance for (Level, Pressure, Temp & Flow) Electr Control Loops.
- Preventive & Corrective Maintenance for Pneumatic Control Loops.
- Maintenance of Shutdown Systems of Hydrocarbon Vessels.
- Calibration Control Valves & Regulators (Fisher Models).
- Calibration ESDVs (Emergency Shutdown Valve).
- Calibration of SRVs (Safety Relief Valve) (Pilot & Spring).
- Working on ACS Panels (Actuated control system) Maintenance and operation.
- Implement the Work Procedure & Risk Assessment.
- Following Control of Work elements in all aspects of work.
- Able to organize and plan activities of the Instruments teams.
- Able to estimate Spare Parts for any Instruments.
- Updating the weekly action tracker of all ongoing Instruments Activities in Western Desert District.
- Developed a Software tool (Excel) for Instruments Materials check.
- One of the effective members to build an enterprise asset management system through ORACLE to manage all maintenance activities.

Dates	:	From Sep. 2007 till Oct. 2011
Employer	:	GUPCO - BP Egypt Instruments Department
Job title	:	Instrument Engineer
Job Description	:	

- Electronic Control System:
  - Troubleshooting & Maintenance for D.C.S System AC 800F (ABB).

- Calibration Level, Flow & Pressure Transmitters (by Hart Communicator).
- Calibration Pressure & Temperature Switches.
- Maintenance for (Level, Pressure, Temp & Flow) Electronic Control Loops.
- Maintenance for Fire, Smoke & Gas Detection Systems.
- Instrumentation of Hydrocarbon Vessels:
  - Preventive & Corrective Maintenance for Pneumatic Control Loops.
  - Maintenance of Shutdown Systems of Hydrocarbon Vessels.
  - Calibration Control Valves & Regulators (Fisher Models).
  - Calibration ESDVs (Emergency Shutdown Valve).
  - Calibration of SRVs (Safety Relief Valve) (Pilot & Spring Types).
  - Working on ACS Panels (Actuated control system) maintenance and operation.
- HSE & planning skills:
  - Implement the Work Procedure & Risk Assessment.
  - Following Control of Work elements in all aspects of work.
  - Able to organize and plan activities of the Instruments teams.
  - Able to estimate Spare Parts for any Instruments.
- Updating the weekly action tracker of all ongoing Instruments Activities in Western Desert District.
- Developed a Software tool (Excel) for Instruments Materials check.

Achieved Projects:
- Working as QA/QC Engineer on Methanex Egypt TAR (2017) and was responsible to review and confirm the following:
  - Issuing a check list to be as a standard to give a grade for all jobs activities.
  - Audit for all instrumentation (Control valves, ESD's, Transmitters, switches and etc.).
  - Follow up with the concerned disciplines the resolving of the finding on the issue log.
  - Prepared a final report for the finding issues and quality measurement.
- Starting and commissioning stabilizer re-boiler, performed SAT test for the BMS, calibrated and function test for all the related instrumentation.
- Illustrated Fire alarm system for gas compressors.
- Building for full controlled sys for skimmer pumps using Zelio controller.
- Building for self-clean system for gas turbine compressors using Zelio controller.
- Commissioning and start-up for PLC SYSTEM, after converting the whole process from traditional control to Automated control.