Holds a B. Sc. in Mechanical Engineering and has over 15 years hands-on experience with planning and scheduling techniques, working in implementation and establishing Computerize Maintenance Management System (CMMS) in Oil & Gas fields.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	21/08/1975
Gender	:	Male
Marital Status	:	Married
Residence	:	Alexandria

EDUCATION

:	B. Sc. in Mechanical Engineering, Alexandria University, 2000

LANGUAGES

Arabic	:	Native Language
English	:	Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Access, Power Point), Internet
- : MS Project
- : Crystal report designer
- : GMS (CMMS) and IMPAC (CMMS)

TRAINING COURSES AND CERTIFICATIONS

- : Primavera Level 1 & 2 at CMCS (2015).
- : Five Pillars (Emotion intelligence) (2015).
- : Report writing skills (2014).
- : Root Cause Failure Analysis (2014).
- : Comprehensive leadership skill program (2014).
- : Train the trainer course at Am Cham (2013).
- : Strategic planning at Am Cham (2013).
- : Maximo Assets & Work Management (2012).
- : Maintenance planning and Scheduling (2012).
- : Time management at Am Cham (2012).
- : PMP preparation course at Am Cham (2011).

- : Maximo fundamentals and KPI's (2011).
- : BOSIET Training (Basic offshore safety induction and emergency training) (2010).
- : Effective Maintenance Shutdown (Jon M. Campbell & Co., Florida – USA) (2008).
- : CMMS effectiveness and control (2007).
- : Seagate crystal report 9 (First for engineering and software systems) (2007).
- : Fire & Gas Systems, ETS (2007).
- : Risk Assessment and accident investigation, Dupont (2007).
- : CMMS implementation, EMC (2006).
- : Pump Installation & Repair, ETS (2006).
- : MS Project, IBM (2005).
- : Introduction to RCM, PETROMAINT Training Center (2005).
- : CMT (catalogue management sys.) course to create a coding system for ELNG spare parts, PETROMAINT Training Center (2005).
- : Safety Induction, ELNG & RASHPETCO. Sites (2005).
- : BG safety Induction / Confined Spaces, Egyptian LNG (Idku) (2005).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Sep. 2010 till now
Employer	:	Phaeronic Petroleum Co. (EGAS/BP Joint Venture)
Project	:	Port Said, Egypt
Job title	:	Maintenance Planning/Scheduling & Work Management Engineer
Job Description	:	• Work Management Main Duties:

- - Super user for Maximo (Oil & Gas) Ver. 7.2 & 7.5.
  - Apply BP Work management process and KPIs.
  - Establish, implement & follow-up Work management gap analysis Project as a Part from MIP (Maintenance improvement plan).
  - Project Manager for PhPC maintenance build review and enhancement (covering all aspect includes Gap analysis, MELs, criticality assessment, maintenance strategies, Job plans and Master plans).
  - Develop PhPC maintenance strategy and maintenance related procedures such as KPI procedure, tagging procedures and work management procedure.
  - Sharing in Maintenance Excellence program implementation as part from MIP (maintenance improvement plan).
  - Lead Co. Work Flow, business process, review and enhancement workshops (Continuous improvement projects).
  - Maximize / Utilize Maximo functionality such as MoC, action tracking and non-maintenance related applications.
  - Sharing in EDMS implementation (Electronic Doc. Management System).
  - Sharing in Maximo Scheduler Application Implementation.
  - Review and define SCE register according to BP Standard.
  - Develop and monitor maintenance KPI's metrics and reports including backlog management, SCE (safety critical element

reporting (leading and lagging KPIs) - using Maximo KPI manger Application.
- Owner for PhPC site traction system (integrated Tracker).
- Apply and monitor RCFA (root cause failure analysis) workshops with maintenance team using 5-Whys technique.
- Supervise new projects data gathering & implementation (maintenance Build up) including the following:
  - Implement the CMMS in the company including the asset register preparation, build system hierarchy, job index, master plan, attributes, data loading, data validation and system test.
  - Establishing the Equipment Location Hierarchy for the new project, extensions and modification in the company.
  - Preparing the Technical Data for the Equipment Using the Vendor Data Book and Technical Data Sheets.
  - Participating in Preparing the Equipment Standard Procedures and Service Sheets (Job Plans and assigning resources).
  - Work as CMMS super user to support and train the site users.
  - Participate in design, coding and testing of CMMS reports.
- Maximo level one (familiarization) and level two (WF process) Trainer.
- Follow up CI (Continuous improvement) project.
- Sharing in eMoC implementation project.

- Planning/Scheduling Main Duties:
  - Develop integrated schedule for Short term maintenance/Integrated plans, Co. opportunities outage, liquidate SCE backlog. in addition to Campaign maintenance.
  - Prepare 8Q-12 weeks and 2 weeks integrated schedule.
  - Using Schedule Gate criteria for two weeks CAP (Constrained Activity Planning) activates and report schedule compliance.
  - Interface with all discipline to build frozen schedule and assure all plans will be done safely and in timely manner.
  - Identify CAP criteria (Constrained activity planning) as key driver for schedule focus Jobs.
  - Report schedule attainment as management KPIs for CAP activities (Constrained activity plans).
  - Report SCE overdue and mange deferral process with concerned parties.
  - TOP Ten material tracking and follow up.
  - Develop daily maintenance Audit process, follow up and track finding through traction system.
  - Follow up any maintenance related action came out from any site process such as PUR (process upset report).
  - Conduct daily, Weekly schedule review meeting with Key functional areas to agree on frozen schedule and waiver process for non-completed activities.
  - Developed and apply Maintenance scheduling compliance window in Maximo (SPAN Value).
  - Monitor daily plan through daily coordination planning meeting and report plan attainment.
  - Report weekly and monthly planning Activities highlights and site integrated KPIs.

- TAR/Shutdown Main Duties:

- Manage Planned Shutdown Utilizing BP TAR shutdown process covering all turnaround process from preparation ending with lessons learned.
- Prepare all schedules level (Level 1, 2, 3, 4) over the entire shutdown Phases.
- Follow up all shutdown activities readiness through Bookies board tracker.
- SPA for GO-No-Go process as an assurance process for shutdown readiness.
- Follow up WP's preparation for pre, Post shutdown activities.
- Develop and embedded contingency plans for critical path activities (What If Scenario).
- Develop shutdown daily progress report / KPIs and conducting all meeting for all shutdown phases.
- Prepare shutdown lessons learnt and contractor evaluation record and keep carried over activities for opportunity Window.
- Note: as PhPC is performance driven organization, Performance contract for last years with major achievements are available on request to substantiate performance.

Dates	:	From Jan. 2006 till Sep. 2010
Employer	:	RASHPETCO. (EGAS, British Gas and PETRONAS JV)
Project	:	Egyptian LNG (Idku)
Job title	:	Maintenance Planning / CMMS & Shutdown Engineer
Job Description	:	• CMMS Duties:

- CMMS Duties:
  - Implement the CMMS in the company for new project (asset register preparation, build system hierarchy, job index, master plan, attributes, data loading, data validation and system test.
  - Plan/Schedule all work orders for preventive, predictive, corrective, and inspection / repair work to make sure all required resources are identified and available for execution and Monitor plan / Schedule attainment.
  - Work as CMMS super user to support and train the site users.
  - Prepare maintenance key performance indicators (KPI).
  - Prepare weekly and monthly reports.
  - Ensure data quality control and recording for all maintenance activities (feedback quality) through CMMS.
  - Monitor preventive maintenance and inspection program implementation.
  - Participate in design, coding and testing of CMMS reports.
  - Review all work requests raised priorities and confirm availability of resources required to execute before breaking frozen schedule.
  - Assist the technical and operational departments in all matters related to CMMS work management modules.
  - Provide on-job training to CMMS users in all aspects of the system and prepare training materials.
  - Provide support to users with any system upgrade and create release notes by all new features in the new version of CMMS.
  - Coordinate with IT and the CMMS vendors for any customization of the system.
- Planning Engineer Duties:
  - Prepare short term plan (Annual) and long term plan (5 years) for

replacement, systems upgrading, painting, etc. and follow up plans millstones.
- Prepare the maintenance reports including daily, weekly, monthly, three monthly and yearly include (man hours utilization, pending jobs, PM jobs, Equipment's Availability, Reliability and work orders statistics such compliance ration, etc.).
- Establish and insure implementation of maintenance polices and routine through planning meeting and site integrated meeting on weekly basis.
- Prepare plans/schedules and follow up in-house projects (modification, debottlenecks and extensions).
- Identify the reasons causing delays in achieving the maintenance plans and programs and advice how to avoid re-occurrence of delays as continues improvement.
- Prepare and follow up the integrated operation plan/schedule for all field departments.
- Analyze maintenance data and highlight area of concern of equipment failures and maintenance cost.
- Prepare KPI's Reports such man power utilization/ work order compliance report and safety critical element analysis.
- Involved in Planning, Maintenance, Troubleshooting, machinery failure and efficiency improvement activities of equipment.
- Arrange and co-ordinate meetings with other departments respecting all Key Issues related to maintenance Performance (Task force team).
- Supervise DCC to keep documents updated, ready for use.
- Sharing in Capital and operating Maintenance budget preparation and follow up.
- Shutdown Engineer responsibilities:
  - Prepare the shutdown schedule for the major equipment, plant shutdown (operation and project driven) for small outage or turnarounds.
  - Apply VAF (Value assurance process) on all shutdown phases, which divide the shutdown into Appraise, select and execute phases with major deliverables to pass to next phase trough assigned gate keeper.
  - Follow up the spare parts required for The Shutdown jobs with required outsourcing.
  - Conduct Shutdown meeting for working and management group.
  - Prepare shutdown package -in conjunction with concerning departments- including S/D list, manpower requirement, material, tools… etc.
  - Prepare the plans for pre-shutdown and shutdown activities and issue daily report showing the shutdown progress using S-Curve and MS Project.
  - Monitor shutdown progress on daily basis to get the area problems to be highlighted on time also to raise the lessons learned.
  - Raise shutdown closeout report with all key success and lessons learned.

Dates	:	From Jan. 2005 till Jan. 2006
Employer	:	Alexandria Petroleum Maintenance Co. (PETROMAINTCO): A specialized company in petroleum equipments maintenance field.

Project	:	Main contractor for implementing CMMS program and spare parts for Egyptian LNG Co. to manage the maintenance work and material control. Egyptian LNG (Idku): The Egyptian LNG train 1 and train 2 plants are completely self-sufficient facility designed to produce a nominal 3.6 x 2 million metric tons per annum (340 stream days) of LNG.
Job title	:	EAMS Implementation and Planning / Stock Engineer
Job Description	:	

- Preparing, collecting and processing the engineering data required for implementing ELNG equipment and spare parts into CMMS program.
- Established functional hierarchy using P&IDs, Process flow diagrams (PFD) and plot plans to define the relation of each asset and the other assets in the process train according to CMMS basic concepts and according to ISO 14224.
- Build technical database using the provided data sheets.
- Identify safety critical element (those may cause / prevent accidents).
- Identify maintenance strategy and maintainable items.
- The instructions, operation and maintenance manuals (IOM) were the source used to extract the maintenance work instructions (MWI's) for maintainable assets.
- Maintenance master plan calculations based on required resources defined in each MWI (required manpower, duration, spare parts, special tools and lifting equipments).
- Planned and scheduled routine maintenance for the assets (30.000 maintainable items).
- Collect provided spare parts lists and purchase orders (PO's) were the source to build the spare parts database.
- We used the MESC to build the material catalogue.
- Built maintenance catalogue using collected WMI's.

Dates	:	From Jul. 2003 till Jan. 2005
Employer	:	Suez Canal Authority (S.C.A.), Port Said
Job title	:	Site Engineer

Dates	:	From Jul. 2001 till Jul. 2003
Employer	:	FIRST Co. – Cairo
Job title	:	CMMS, Planning & Scheduling Engineer
Job Description	:	

- Planning, administration and Implementation Computerized Maintenance Management Systems (CMMS) for Oil & Gas fields and industrial Companies using GMS software.
- Preparing, collecting and processing the engineering data required for implementing.
- Systems Instructor for GMS & MMS applications.
- Systems analysis for modifications and enhancements and Customer following up for GMS.
- Establishing Equipment coding system from scratch.
- Design and prepare the management-reporting system for maintenance planning.
- To build technical database using the provided data sheets.
- Identify safety critical element (those may cause / prevent accidents).
- The instructions, operation and maintenance manuals (IOM) were the

source used to extract the maintenance work instructions (MWI's) for maintainable assets.

- Maintenance master plan calculations based on required resources defined in each MWI (required manpower, duration, spare parts, special tools and lifting equipments).
- Implementation for CMMS project in NAVY FORCES.

Field of experience :

- Significant experience with Maximo CMMS including, development, deployment, and implementation of new system & upgrades (8 complete CMMS implementation projects).
- Additional background experience: GMS/IMPAC, CMMS's.
- In-depth knowledge & experience with CMMS/Planning and scheduling techniques.
- Mange Major Shutdown, TARs and outage using best in class process (BG and BP Process).
- Maximo Trainer/coaching for latest version (7.5 oil and gas).
- Applying multinational TAR management Technique such as OSACR (British gas Co. technique, CVP (B.P Co. Technique).
- Good knowledge and practice with multinational standard and procedure (Control of work, activity planning, work management, MoC, etc.).
- Develop and review maintenance build for existing/new site and create Gap analysis plan to cover gaps.
- Excellent research and technical reporting skills coupled to competent presentation, communication and training skills.
- Self-motivated, ambitious, culturally sensitive to my environment, efficient in team work.
- Strong drive for delivery excellence.
- Solid background in engineering and Maintenance principles & administration.
- Emerging knowledge of Operations Excellence and Performance Management.
- Ability to work under high pressure, constantly and changing environment.
- Committed to HSSE policies.