# 

|  |  |  |  |
| --- | --- | --- | --- |
| ***Hatem Essmat Ali Mohamed*** | | | |
| Mobile no +2-01010010774 (Egypt)  +2-010 00079435 | | | |
| Emails  [hatemesmatali@yahoo.com](mailto:besmart4smart@yahoo.com)  [hatem\_esmat@hotmail.com](mailto:hatem_esmat@hotmail.com)  Work mail [heali@bechtel.com](mailto:heali@bechtel.com) | | | |
| **Education** | | | |
| University Degree | Bachelor of Engineering | | |
| University | Zagazig University | | |
| Major | Mechanical Engineering | | |
| Graduation year | May - 2000 | | |
|  | | | |
| **Summary** | | | |
| * Mechanical Maintenance Engineer (Static & Rotating) in power Generation Plants in Egypt for **5 years**. * Maintenance Work Preparator, data verification, MEL Creator, maintenance build, CMMS, Maintenance Planner & Reliability Engineer for (GUPCO/BP Egypt) Oil & Gas using MAXIMO and Primavera P6-Rel 8.3, for **8 Years** * Offshore Planner/Scheduler Supervisor for (ENI Gas Libya) Offshore Gas Platform, using MAXIMO and SAP-PM, for **1 year**. * Maintenance planner/maintenance Re-Build Team Leader for (WG/BP Angola) FPSO, using Backbone/SAP-PM, for **3 years** * Lead Maintenance & Preservation System Field Engineer (Bechtel / BP Egypt) – Onshore Gas Project, till now | | | |
| **Personal Information** | | | |
| Nationality  Birth date  Gender  Marital Status | Egyptian  11/08/1976  Male  Married | | |
| **Work Experience**  **Current job**  Job title **Lead Preservation & Maintenance Field Engineers**  Employer Bechtel / (WND GAS Project - **Egypt**)  From September 2016 **To Date**  **Job description (duties)**  - Manages preventive maintenance and repair maintenance Planning program. Identifies, plans, directs, and assists with repairs of fleet equipment. – Plan & Schedules work to be performed and reviews work accomplished per equipment’s priorities and criticality.  - Monitors maintenance work activities and ensures the quality of work performed for the brown and green field.  - Identify equipment and material preventative maintenance requirements, schedule maintenance activities, and record results of  those activities and Initiating and tracking the preservation & maintenance program for the project - Ensuring maintenance & preservation activities are issued on time and that the records are stored Per Bechtel Procedures. - Distribution, tracking and completion of the material Inspection Report (EIR) inspections. - Identifying the manufacturer's maintenance and storage requirements of the permanent plant equipment and preparing and/or modifying specific  storage, Packing and maintenance instructions in equipment maintenance system, as necessary. - Reviewing the project equipment list(s), P&IDs, design drawings, vendor prints, and vendor manuals and confirming the scope of permanent plant  equipment that requires specific maintenance/ preservation or inspection actions. - Responsible for managing and directing maintenance planning and preservation activities in the Jobsite. - Provide preservation maintenance technical direction and task priority for the execution of maintenance/preservation plan. - Oversee execution of Preservation & Maintenance activities and verify records completed by Preservation & Maintenance Team for  completeness and accuracy. - Update data in the EQMS system. Produce reports and provide management with summary and analysis to identify trends and gaps in the  Preservation and maintenance process. - Initiate Non-conformance reports to formally document equipment that is damage or not in accordance with project specifications. - Work with Lead Mechanical Field Engineer, engineering and suppliers to resolve technical issues and provide technical assistance to  Subcontractor Field Engineering and supervision to implement remedial action. - Perform field verification on the equipment in the field to make sure that they are preserved and protected per project procedures and vendor  Manual and Reviews and approves Field Material Requisitions (FMR’s) for repair and maintenance requirements. - Providing input to tracking and reporting on weekly maintenance/preservation activities to Project Management, and monitoring work performance  compared to project budget and schedule - Assist subcontractor in Preparing field material requisitions for equipment and consumables associated with preservation activities and monitor  status of purchase orders and deliveries - Assist field procurement in receipt inspection and reporting of associated equipment and materials and preventive maintenance requirements - Act as point of contact for coordination and resolution of technical issues related to provision of subcontracted technical services that required for  maintenance/preservation of the green/brown plant equipment - Complete and verifying quality documentation per inspection and test plans - Assist Lead Mechanical Field Engineer and Project Field Engineer with additional field engineering activities as assigned. - Work closely with other discipline field engineers and coordinate efforts and activities to meet the project requirements.  **Previous job**  Job title **Maintenance Planner & Maintenance Re-Build Team lead Eng.**  Employer Wood Group PSN / BP **Angola (**BLOCK31-FPSO)  From May 2014 To September 2016  **Job description (duties)**  1- Amendment and associate equipment availability of work exists in overdue and backlog list.  2- Estimate resources required (Materials, Labors & Vendor) for CAP-WOs across 20 weeks and 12 weeks schedules.  3- Progressing the back log work status up to APPROVED , to execute and have right schedule dates and coordinate the MOC with other  disciplines  4- Ensure spare parts availability strategy and improve the activity Planning KPIs and create RID according to needs.  5- Calculate the criticality, priority and SCE study for all mechanical & Marine Equipment to improve reliability study for equipment.  6- Use the techniques required to manage resources, allocation, leveling, export and import data files.  7- Develop function SOR of TAR shutdown, and improve the WMS at Review work history for CAP & SCE jobs, identify repetitive emergent  jobs and Drive Job Plans development identified in review meeting.  8- Ensure deferred MACE work is updated in MAXIMO and maintain the deferral WOs and Prepared the Work Packs and PMR conducted for  Each CAP work orders registered and created MOC and all related P&IDs & Documents.  9- Develop the maintenance work with 160 days look ahead and identify between offshore & onshore with related Reports.  10- Improve all WOs, Job Planes & PM, SPIL… According to 8Q, 12weeks,2 weeks, Gate criteria and all day to day planning for static & Marine  11- Improve the assets managements in cycle of maintenance built and developing the maintenance Strategy and methodologies such as RCM  , FMEA and RCFA to applying in New BACKBONE/SAP-PM.  12- Developing Reliability Analysis, RCFA, Reliability, Availability Modeling, Maintenance Bench-marking and Maintenance Assessment for  Identifying current maintenance performance and areas for improvement.  13- Lead the maintenance rebuild project with prospective and feasible plan, creating new JP, PM, , RIME study , EPR , Criticality , FMEA,….etc  For new BACKBONE/SAP-PM system for Marine & Static Equipment’s and leads the validation of mapping to SAP PM.  14- Working and training Angolan stuff for using the new interface of new Interface backbone(MAXIMO7.5) and SAP-PM.  15- Validate and implement the Data Conversion (location, Equipment, Task list, BOM, Maintenance Plan, Orders,…) from Backbone to SAP-PM.  16- Checks, received, store materials and issue to craftsmen assigned for SAP PM -Orders on daily schedule work to ensures contracts  readiness or other resources required on the daily scheduled jobs.  **Previous job**  Job title **Offshore Planner / Scheduler Supervisor Engineer**  Employer DL/ENI GAS **Libya,** Sabratha (Offshore Gas Platform)  From August 2013 up to May 2014  **Job description (Duties)**  1- Prepare the proper Plan and Ensure that materials and resources are available prior to executing work.  2- Prepares appropriate documentation work packs for each task from MAXIMO.  3- Monitors, maintains and evaluates maintenance performance and activities for the Division, utilizing data provided by the Maintenance  Planners and Recommends corrective actions based on the indicators and coordinates productivity studies within the Division.  4- Cooperate with facility maintenance department to make the equipment preventative maintenance plan and ensure its execution  5- Responsible for preparing and updating weekly planning schedule fully utilising available resources.  6- Assist to daily meeting with all departments and to discuss the maintenance Overdue and Backlog WO. And scheduling all.  7- Create a SPIL to update the (ROP=Min / EOQ=Max) and MQR Spare Parts using supporting from SAP-MM  8- Collect and record the equipment status on schedule and Ensure all work order can be prepared and submitted correctly and timely.  9- Prepare Daily Meeting & 7 and 14 Days Look Ahead Plan for PM & CO Reports for all Disciplines  10- Improving or sustaining major Maintenance KPIs (Corrective Maintenance, Planned Maintenance, scheduled compliance, Shutdown  Scope completion using Primavera P-6.  11-Prepare Planning & scheduling for MINI TAR (mini shutdown) and Maintenance Planning of resources, optimization CTR and develop  Critical path charts if required, using Primavera P-6.  **Previous job** | | | | |
| Job title **Data Verification/MEL Creator/CMMS Engineer/ Reliability Eng. & Maintenance Work Preparator.**  Employer GUPCO & BP **Egypt** , (Onshore & Offshore Rehabilitation Project)  From November 2005 To August 2013  **Job description (duties)**  1- Ensure implementation of maintenance policies, Strategy, Reliability, Availability, RCFA, FMEA and updating (KPI’s) for project maintenance  activity depending on Data verification.  2- Build asset hierarchy based on as built piping and instrumentation drawings ( MEL ) and incorporating into CMMS and ensures static  And dynamic date quality into MAXIMO as data project coordinator and data gathering specialist from Actual Locations & P&IDs.  3- Develop preventive maintenance programs & ensure Implementation through computerized maintenance management system (CMMS)  using MAXIMO.  4- Develop reliability and coordinate all maintenance work by reviewing and recommendations (MTBF, MTTR, FMEA ,RCFA and equipment  History And inspection programs implementation following BP WMS.  5- Review all work Orders and work backs , Overdue , Backlog and Lock ahead ,all reports (daily weekly monthly ) raised and confirm  availability of resources and time frame scheduling on MAXIMO.  6- Overview and co-ordinates the inspection, preventive, corrective, predictive, routine and shutdown maintenance of all related equipment  and pipelines in the relevant areas as specified above. Schedule workloads and set priorities including inspection of contractors work  Prepare and co-ordinate divisional and departmental manpower accordingly.  7- Review equipment specifications, calculate RIME (Criticality) and develop RCM and maintenance strategy according to Priority  Throughout the planning and scheduling process.  8- Maintenance Work Preparer, creating MEL(Master Equipment List) according to site data verification and P&ID's for all project  Equipment and Creating job plans and PM’s with levelling based on output from SCE study ,criticality study & Maintenance strategy then  Uploaded on MAXIMO according to BP codes.  9- Report, organize, plan, and coordinate with the different departments to minimize the Safety Critical Back Log items and overdue Work  Orders.  10- Review quality of supplier maintenance procedures, schedules, review spare parts level(MMS) for commissioning, start-up and 2 years  Operational SPIL and recommended levels for purchase and MOQ in Inventory.  11- Creates solutions to repetitive failures and other problems that adversely affect plant operations. These problems may include capacity,  quality, cost or regulatory compliance issues. That may require the engineer to apply data analysis techniques that can include: Statistical  process control, Reliability modeling and prediction, Root Cause Analysis (RCA), Failure reporting, and corrective action identification.  12- Reviews new facilities during the construction phase to determine that the facilities installed are as designed Engineering.  13- Support production and facilities, developing plans and materials for major projects, operations & maintenance and shutdowns.  14- Familiar with all BP Safety Regulation, HSE control of work (COW), Permit To Work (PTW) system, TBRA, has the Performing Authority  (PA) to conduct Permits and ability to achieve Tool Box Talk (TBT) and mechanical isolation practice  15- Participate in Preparing the Shutdown Plans, short term, and long term maintenance plan for all discipline by preparing SOR. Using  Primavera P-6 Rel.8.3  16- Conducted offshore surveys on every P/F to identify mal function /seized valves to be replaced during the platform TAR by the project.  17- Instructor for new stuff to working in data collection, maintenance planning, maintenance management and CMMS in R/S field using  MAXIMO.  18- Prepare TAR planning and new rehab. Project generating reports with planning team using Primavera P.6 | | | | | |
| **Previous job** | | | |
| Job title | | **Mechanical Maintenance engineer (Rotating & static equipment)** | |
| Employer | | **Egypt** - (Ayoun Moussa Power Station) – 2\* 230 M.W | |
| From | | August 2000 TO November 2005 | |
| **Job description ( Duties)**  1- Mechanical Maintenance engineer for Boilers, steam turbine and auxiliaries.  2- Maintenance for Sea water pumps, raw water pumps, firefighting pumps ,service pumps, circulating water pumps, chemical pumps and  desalination pumps and sort all mechanical failures.  3- Maintenance for Polisher, condenser, air compressors and feed water heaters (closed and opened).  4 -Maintenance for Desalination Unit, Demyelization Unit, Waste water Unit, Potable water Unit, Hypochlorite Unit, Fire Fighting Unit and  Sewage Unit.  5- Overhaul and repair of process plant equipment’s & mechanical machineries associated with power generation station. | | | |
| **Years of experience** | | * **18 years** | |
| **Languages** | |  | |
| English | | Fluent | |
| Arabic  Portuguese | | Mother tongue  Fair | |
| **FIELD OF EXPERIENCE & OTHER QUALIFICATIONS**  - Mechanical Maintenance engineer (steam power Generation Plant)  - Data gathering, Assets Coordinator, maintenance planner/Scheduler, Maintenance Work Preparer, CMMS and Reliability engineer,  Lead Maintenance specialist and Maintenance Rebuild Engineer  - Motivated and enthusiastic about developing good relations with others  - Effective working alone or as a co-operative team member  - Enhanced the ability to listen with objectivity and logically analyses information | | |
| **PREVIOUS COURSES**   |  | | --- | | 1. Diesel generators (operation and maintenance) 2. Air compressors (operation and maintenance) 3. Operation and preventive maintenance of boilers 4. Firefighting systems 5. MAXIMO V4.1 & V5.2 & V6.2, V7.1 & V7.5 6. MS Project 7. Safety Induction & HSE Helicopter Training(by GUPCO Company) 8. Generic Mechanical Isolation ( by BP Petroleum Company ) 9. Generic Confined Space Entry ( by BP Petroleum Company ) 10. Nitrogen Awareness Full Course ( by BP Petroleum Company ) 11. Manual Handling Full Course ( by BP Petroleum Company ) 12. Pressure Testing Full Course ( by BP Petroleum Company ) 13. Working At Heights & Noise At Work ( by BP Petroleum Company ) 14. Introduction To Pumps Full Course ( by BP Petroleum Company ) 15. Task Risk Assessment Full Course ( by BP Petroleum Company ) 16. NORM / LSA Scale Awareness Course ( by BP Petroleum Company ) 17. Oil & Gas Extraction course ( by BP Petroleum Company ) 18. CTW , TBT , SOS , PA , AA & TBRA ( BY GUPCO company ) 19. Primavera P6 R8.3 ( Oracle License ) 20. HUET course 21. SAP - PM | | | | |  | | |
| **COMPUTER SKILLS**  Excellent command of Microsoft Office Word/Excel/Access  Excellent command of utilizing facilities of the Internet  MAXIMO V4.1 & V5.2 & V6.2, V7.1 , V7.5  Primavera P6 Rel. 8.3 (Oracle certificate)  Business Objects  Microsoft project  SAP- PM | | |
| **Availability**  I am able to start work after 3 weeks from announcement | | | |  | | |

**\*\* References**

[jonathan.hosie@uk.bp.com](mailto:jonathan.hosie@uk.bp.com)

Phone : +441372862953

Maintenance Team Lead, Shah Deniz 2 Project

[steve.brocklehurst@uk.bp.com](mailto:steve.brocklehurst@uk.bp.com)

Phone : +441224837201

OIM - Glen Lyon, Operations

[Omer.Rauf@uk.bp.com](mailto:Omer.Rauf@uk.bp.com)

Start-Up Manager, Shah Deniz 2 Project - Operations

Phone : +442034016538

[Muhammad.Jamshed@bp.com](mailto:Muhammad.Jamshed@bp.com)

Facilities Maintenance Manager, Reliability & Maintenance - IRAQ

Phone : +442070488300