

Holds B. Sc. and M. Sc. in Mechanical Power Engineering and has about 7 years hands-on experience working in installation, maintenance and troubleshooting of a wide range of static equipment for oil and gas and petrochemical plants. Familiar with the applicable standard international codes of Static equipment and aware of API, ASME, TEMA, National board standards.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1991
Gender : Male
Residence : Menoufia

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Menoufia University, 2013
- : M. Sc. in Mechanical Power Engineering, Menoufia University, 2019
- : Working on MBA from AAST Arab Academy for Science, Technology & Maritime Transport (from 2021 till now)

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Programming: MATLAB, Basic, Quick Basic
- : MATLAB, Visual Basic, AutoCAD, Solid Works
- : SAP and MAXIMO CMMS programs

TRAINING COURSES AND CERTIFICATIONS

- : PRV certified training course from BHGE for repairing and testing different types of safety relief valves (Conventional, Thermal relief, Pilot operated, and power service PSV's) at EMETHANEX.
- : Certified Maintenance and Reliability Professional (CMRP).
- : Project Management course from IMI at EMETHANEX.
- : RC training courses in EMETHANEX as RC induction, working at height, confined space, line of fire, and hand tools.
- : Training at SEGAS Damietta LNG Plant (2010).
- : Training at Cairo Oil Refining Company (2012).

- : Training at German Auto Service (GAS) Mercedes-Benz (2014).
- : SAP Training Course at Badr El-Deen Petroleum Company "BAPETCO" OBAYIED Field.
- : Induction Course for HSE at Badr El-Deen Petroleum Company "BAPETCO" OBAYIED Field.
- : Permit to Work (PTW) Course at Badr El-Deen Petroleum Company "BAPETCO" OBAYIED Field.
- : Permit Holder Course at Badr El-Deen Petroleum Company "BAPETCO" OBAYIED Field.
- : Permit Applicant Course.
- : Shaft Seals Course by OGS (Oil & Gas Skills Company) at Badr El-Deen Petroleum Company "BAPETCO" OBAYIED Field.
- : Water Treatment Course at Badr El-Deen Petroleum Company "BAPETCO" OBAYIED Field.
- : Fan air coolers "Induced and Forced draft fans" by OGS (Oil & Gas Skills Company).
- : Communication Skills.
- : Effective Communication Skills "Advanced".
- : Technical Training Course in Car Mechanics Gasoline (ITC).
- : ICDL
- : English: TOEFL ITP Certificate with total score: 477.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From 2019 till now
Employer	: EMETHANEX (EGYPTIAN METHANEX METHANOL COMPANY S.A.E.)
Job title	: Static Equipment Engineer
Job Description	: <ul style="list-style-type: none"> • Implemented maintenance activities (preventive, corrective, predictive, Inspection, and Performance Monitoring) safely and efficiently to meet company and maintenance department targets and KPI's and emphasize effective resources consumption/utilization to secure optimum Maintenance cost. • Planned and executed necessary actions to ensure maintenance of all static equipment (Vessels, Manual valves, PSV, Check valves, Cooling tower, Boilers, Reformer, Water Treatment, Flange management, and Heat Exchangers). • Using the Electronic permit "E-permit" system implementation in all daily permit activities for all normal and shutdown activities. • Planned and executed Static department shutdown and Turnaround activities. • Planned and executed all static activities during the "Horus" project " 4 Months Turnaround" (Reformer repair activities, PSV's calibration, HEX cleaning, and hydro testing, Towers and Vessels inspection, Steam traps repair and inspection, and Manual valves repair. • Replaced Catalyst for reformer, gas conditioning vessels, and ATR safely following RC safety rules and company procedures. • Connected / disconnected Methanol shipping loading arms to ships according to EMETHANEX shipping plan. • Prepared and periodically reviewed/updated maintenance procedures. • Managed and reported all maintenance activities and assets

data/records through company CMMS (MAXIMO) to keep continuous and valid records for all assets.

- Prepared in conjunction with Planning and implemented plant shutdown and turnarounds maintenance activity plans to meet company targets and KPI's.
- Developed equipment improvement plans through detailed analysis of historical reliability data.
- Developed and periodically reviewed inventory list of all discipline required assets and equipment spares (operational and capital spares) with optimum Min/Max levels satisfying plant safe operating targets and meeting optimum cost.
- Reviewed and ensured spares are correctly described, ordered, received, stored, and preserved following manufacturer recommendations to be fit for use upon need.
- Managing the spare parts purchasing routine including the technical evaluation and cost estimation and coordination of Procurement to provide technical expertise if required.
- Committed to all RC initiatives such as Training, Health Checks, Industrial Hygiene Programs, Ergonomics programs, Walk Downs, Audits, ...etc.
- Supervised and executed all Static activities on-site, ensuring working safely and following RC safety rules and company procedures.

Dates	:	From Jul. 2016 till 2019
Employer	:	Badr El-Deen Petroleum Company "BAPETCO"
Project	:	OBAYIED Field, Western Desert
Job title	:	Static Equipment Engineer
Job Description	:	<ul style="list-style-type: none">• Planned and executed necessary actions to ensure that maintenance of all static equipment is carried out correctly and safely, to enable the operational objectives to be met.• Overhauled, tested, and replaced various types of valves (Ball, Gate, Globe, Butterfly, Dublok and Check valves) for different manufacturers like (Petrol valves, Grove, Cameron, Bonney forge, Saxon, Inline, John Mills, Valvitalia, and Vanessa) and Relief valves (Tyco, Crosby, Anderson Greenwood, and Pentir).• Planned and executed all static activities during the OBAYIED field 2018 Turnaround (PSV's calibration and testing, HEX cleaning, and hydro testing, Towers and Vessels inspection, and Manual valves repair.• Prepared vessels for internal inspection by reviewing the mechanical Positive isolation plans and prepared all the required resources for positive isolation and de-isolation such as (Hydraulic Bolt tensioning, Hydratight, blinds, spades, Hand tools,).• Prepared different types of heat exchangers such as shell and tube (fixed tubes, U-tubes, floating), Air-cooled (fins and tube), and plate heat exchanger for inspection by carrying out positive isolation, removed cap, bundle, and plugs as required.• Prepared equipment failure reports mechanical department daily and monthly reports.• Raised (FCP & TFCP) and followed up to be implemented in the plant.• Planned and prepared all required resources for all shutdown activities (OBAYIED Field) focal person to review the shutdown plan strategy as a

responsible for mechanical activities during the shutdown. Such as overhauled centrifugal gas compressors, turboexpanders, isolation manual valves, relief valves, and prepared vessels for internal inspection.

- SAP account user as responsible for mechanical data overviewed FSR and work orders criteria, overviewed different types of maintenance, overviewed of KPI, overviewed of the material cycle, created/searched Z1 notification request, planned work order by planned man-hours and schedule, reversed stock and non-stock material and tracked the material, reversed the internal labor and external service by (Planned/Unplanned contract, Lump sum, Generic), displayed/searched agreements, user date by schedule and system date by LAFD, Z1/M3 history, closed work orders by confirmation and technical completed and notification and work orders cancellation.
- Raised stock proposals and reviewed spare min. max. Levels according to work-updated needs. Also raised material requisitions according to updated needs.

Dates : From Oct. 2015 till Jul. 2016
Employer : Toshiba El-Araby Group - Automatic Washing Machine Factory
Job title : Quality Control & Production Engineer
Job Description :

- Supervised the Implementation of inspection instructions, checklists and measured the required points which improve the product quality and Followed-up the Implementation of weekly plans and achieved the production plan.
- Fixed machines failures and recorded measurements to assess the performance of machines.
- Supervised the production process, monitored and analyzed the reasons for any diffraction in the process to reduce the damaged and reduced cost by reducing the amount of product to be recycled.