

Holds a B. Sc. in Mechanical Engineering and has about 15 years' experience in rotating equipment maintenance & troubleshooting in oil and gas and Power Plant fields, with main focus on turbomachinery rotating equipment including steam turbine, compressors, gas turbine, gearboxes, pumps and blowers.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/10/1985
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

- : Fire-fighting design course (pipe line diameters – pump selection – sprinkler distribution).
- : Hydraulic system equipments at Faculty of Engineers.
- : Vibration and balance for rotating equipment's.
- : Course at Petrochemical Industries.
- : First Aid level II, ABU DHABI, UAE.
- : Fire awareness level II, ABU DHABI, UAE.
- : H2S LEVEL II, ABU DHABI, UAE.
- : Training at Alexandria civil protection department, having good informations on:
 - Fires and it's types.

- How to identify the types of fire and its suitable method to fight it.
 - How to deal with industrial fire and electrical fire.
 - How to plan emergency plan for evacuate and keep workers and people health.
 - How to secure fuel tanks and gases area and control rooms from fire.
 - How to secure the boilers and turbines from fire.
- : Maintenance Engineer at Jac & Jelly Cars Service Center during 4 months.
- : Maintenance Engineer at Renault Cars Service Center during 3 months.
- : Training at ABU QIR Training Center at Safety and Occupational Health.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2022 till now

Employer : BAKER HUGES

Job title : Field Service Engineer

Job Description :

- Field Service Engineer on 2 ARIEL reciprocating compressors on revamping activities, commissioning and start-up at HURGHADA POWER PLANT.
- Field Service Engineer on gas turbine GE frame 7A at YAMAL LNG in Sabita, RUSSIA, activities were revamping on combustion inspection and turbine inspection checking clearances and change turbine nozzles, AUX inspection & gearbox inspection.
- Field Service Engineer at MIDOR refinery project following up 2 multistage Nouvo Pignone pumps and perform MRT & performance test.
- Field Service Engineer at PDO (Petroleum Development of Oman) polymer phase 3 sites following up 3 boosters Nouvo Pignone pumps and 2 water injection pumps.
- Field Service Engineer in Kuwait in train 3 of WARA pressure maintenance project for Kuwait Oil Company following up 2 HP Nouvo Pignone pumps.
- Field Service Engineer at Kuwait in refinery project for KIPIC ALZOUR refinery follow up 8 steam turbine DRESSAR – RAND.
- Field Service Engineer at Saudi Arabia in SASREF refinery shutdown on major overhauling of multistage centrifugal pump NOUVO PIGNONE.

Dates : From Aug. 2021 till Jan. 2022

Project : Overhauling Maintenance at Egyptian Petrochemical Co.

Job title : Senior Mechanical Rotating Commissioning Engineer

Job Description :

- Daily follow up commissioning activities.
- Following up 25 pumps start-up and commissioning activities.
- Check-up alignment and Parallelism for all pumps.
- Check-up the pump base and directional of rotation for pumps.

Dates : From Jan. 2020 till Aug. 2021

Employer : SNF Company

Project : ADNOC onshore site in UAE at enhanced oil recovery polymer injection station

Job title : Mechanical Engineer O&M

Job Description	:	<ul style="list-style-type: none"> • Perform Dailey inspection for all equipments. • Perform routine maintenance for equipments. • Perform inline flushing before and after process. • Check safety procedures and plant reliability. • Following safe start-up for equipment.
Dates	:	From Jun. 2009 till Oct. 2019
Employer	:	West Delta Electricity Production Co.
Project	:	Abu Qir Power Station 900MW
Job title	:	Mechanical Rotating Maintenance Manager
Job Description	:	<ul style="list-style-type: none"> • Centrifugal pumps and make commissioning and start-up tests. • Axial pumps, finished of repair about 4 axial pumps with capacity 11000 m3/hr. • Multistage pumps working on 10 stage pumps. • 2-stages centrifugal air compressors. • Different kinds of valves (gate – globe – butterfly) installation and make commissioning tests. • Good experience at the rotor of turbine and having skills in taking the clearances (axial and radial) and make its alignment. • Installation of two sea water pumps of capacity 11000 m3/hr by KSB Company and make commissioning and start-up tests for it. • Replacement and Installation of three feed water pumps which working under pressure 160 bar and consist of 10 stages. • Replacement and installation of three booster pumps by KSB Company and make commissioning and start up for it. • Replacement of Low-Pressure heater which consist of 400 U tubes. • Worked with Alstom Company (General Electric Company) on: <ul style="list-style-type: none"> Project 1: <ul style="list-style-type: none"> - Replacement and installation rotor for 2 steam turbines about 150MW during overhaul maintenance program taking clearances and machining for the rotor. - Maintenance of journal and thrust bearing and maintenance of steam gland boxing and balance drum. - Maintenance of HP inner casing of the turbine and changing some of fixed blades and making tests of cracks (magnetic and penetration test). - Maintenance of control valves and stop valves for HP turbine. - Making workshop for the technicians during the overhaul maintenance explaining how to work with high profession and applying safety procedures during working and steps to be done while working in overhaul maintenance to get good results. - Make commissioning and start-up tests. Project 2: <ul style="list-style-type: none"> - Replacement and installation rotor for gas turbine. - About 25MW during overhaul maintenance program taking clearances and machining for the rotor. - Make commissioning and start-up tests. Project 3: <ul style="list-style-type: none"> - Replacement and installation rotor of the generator for 150MW turbine and replace it's Librans's and sealing and bearing systems. • Worked with SULZER Company:

- Maintenance of feed water pumps replacing moving and fixed stages and replace the main shaft.
- Make commissioning and start-up tests.
- Worked with INGERSOL RAND COMPANY:
 - Overhaul maintenance two air compressors which consist of two stages giving 7 bar of compressed.
- Commissioning Engineer at Assiut Combined Power Plant 1500MW with GE and ORASCOM Company (from Feb. 2018 till Dec. 2018):
 - Daily follow up commissioning activities.
 - Following up 8 HRSG start-up and commissioning.
 - Following up 2 steam turbine each 250MW.
 - Following up air cooled condenser (ACC) leak, test and commissioning.
 - Following up feed water pumps and condensate pumps commissioning.
 - Following up closed cooling, service water, demi water pumps commissioning.
 - Following up static device commissioning.
 - Hydro test for 8 HRSG, BOPS piping and pressure parts.
 - Check safety procedures and plant reliability.
 - Following safe start-up for equipment and people.
 - Flushing for lube oil and hydraulic oil and lifting oil pipe.
 - Flushing for closed cooling water system.
 - Working as Boiler Commissioning Engineer, operate with HP and LP valves with 4 HRSG operates with steam blow process, performance and ratability, feed and bleed for HRSG.
- Mechanical Instructor at EGYPTIAN COMPANY FOR ENGINEERING TRAINING: giving courses at firefighting and vibration and gas turbine.
- Mechanical Instructor at JELECOM Training Center: giving courses at power station and hydraulic systems (installation and maintenance) and steam turbines.
- Mechanical Instructor at INFINITY Center: giving courses at pumps and valves and air compressors installation and maintenance and trouble shooting.
- Mechanical Instructor at ENNPI Company for petroleum services: giving courses at centrifugal pumps and troubleshooting.

- Field of experience :**
- Maintenance Management system, Computerized Maintenance Management Systems (CMMS), Shutdown Plan, Planning and Schedule, Preventive Maintenance (PM), Corrective maintenance (CM), Maintenance Procedure.
 - Development & Training, Teaching qualification, Education Management, Assessment, Procedure, Assessor, Trainer, Instructor, On Job Training (OJT).
 - Project Management, Procurement, Key Account Management, Budgets, Strategic Planning/Implementation.
 - Management Reporting, Resource Allocation, Market Research, Competitive Analysis Negotiations, Leadership, Team Building, Decision Making, Communication, Time Management.
 - Oil Gas, Onshore, Refinery, Petrochemicals, Commissioning and

Installation, Power Generation, Diesel Engine, Gas Turbine, steam turbine, pumps and compressors.