

Holds a Mechanical Diploma and has about 29 years experience working in installation, maintenance and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/09/1963
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: Mechanical Diploma & Agriculture, 1988

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training courses (levels 1 & 2) in penetration Test "PT" and magnetic test "MT".
- : Training course in reading of radiography test & Visual test.
- : Lifting Supervisor certification "LG – GT -SGS".
- : Training in Lifting and Transportation insurance at NKK - ANSDK.
- : Training courses in Flow "Installation – Repair – Maintenance".
- : Flange Management Certificate from Furmanite.
- : Training in Mechanical Alignment at Petromaint.
- : Training in Mechanical Alignment at NOUVO PIGNONE.
- : Bearing and Lubrication Technology Training.
- : Compressor technical Maintenance Training.
- : Cold cutting practical training.
- : PTW for Job Performer.
- : Confined Space Entry training.

- : Working at Heights training.
- : Fire-fighting training.
- : First Aid Training.
- : Life Saver Evaluation Training.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2021 till Feb. 2024
- Employer** : Technip
- Project** : Project 2544 – Middle East Oil Refinery, El-Ameria, Alex
- Job title** : Mechanical Rotating Supervisor, construction, commissioning, maintenance
- Job Description** :
- As Commissioning Supervisor:
 - Preservation activities for rotating equipment (fan cooler – compressors - pumps - blowers steam turbines).
 - Oil flushing according to vendor procedure (pumps compressor turbine blowers).
 - Motor so low – run - preparation and - follow as - API for data sheet for all Motors (electric motors - steam turbines).
 - Rechecking alignment according to vendors recommendation and corrective.
 - Installed coupling according to vendor data.
 - Replaced seals plans types (and charged N2 - Fluiedas as vendor recommendation).
 - Motors run test (electric - turbines) measuring vibration according to API standard.
 - Check and correct clearance for fan cooler verticality and Alignment belt adjusting angle for blades repair pulley repair fan.
 - Check and correct clearance for fan coolers (verticality alignment belt adjusting angles for blades – repair bully - repair fan fins.
 - Reporting all reports for hand over.
 - Trouble shooting solving according to manuals.
 - As Construction Supervisor:
 - Supervision on all preservation activities of all rotating equipment on warehouse.
 - Supervision on all preparation activities of all rotating equipment on warehouse.
 - Supervision on civil pads (check dimension Concrete pads and ANCHOUR bolts).
 - Inspection civil pads and approved for inspection reporting.
 - Prepared all lifting tools (lifting plans - insurance during transportation – cranes – trailers.
 - Prepare inspection pading plates according to drawing.
 - Installation activities (pre-alignment – vertical - horizontal Center Line).
 - Leveling activities according to drawing compressors, pumps, turbines, skids, blower and generators.
 - Follow and preparation to lifting skades installing air fan coolers above rack.

- Adjusting leveling pre-alignment preservation check greasing - system of air fan coolers.
- Pre-alignment activities (by dial gauge – fillers - laser system straight edge - micrometers).
- Pre-commission activities (oil filling - greasing – seal boots).

Dates	:	From Apr. 2017 till Apr. 2021
Employer	:	GE E&C (direct hiring)
Project	:	Refinery Project at Mostorod, Commissioning department – rotation section
Job title	:	Mechanical Rotating Supervisor, construction, commissioning, maintenance
Job Description	:	<ul style="list-style-type: none"> • As Commissioning Supervisor: <ul style="list-style-type: none"> - Establishment Punish listing / Killing / Walk down (Construction / QC / Comm. / HSEQ). - Follow up Hydro test packages (Engineering Review, Test Review, and Handling Sequences). - Follow Systems Commissioning Priority Plan to confirm smooth Plant Start-up. - Perform and supervise for All piping Pre-Commissioning Activities as Dewatering, Drying, Air Blowing, Hydro Milling, Chemical Cleaning, CLT, GLT, Inert Gas Preserve. - Establishment and launching Flange Management Program (Material check, Alignment, Torqueing, RF Checking, Flange Tags Color cards, History Sheets, Severity Assessment). - Prepare, Perform and Supervise Catalyst Loading Activities. - Building Maintenance / Fabrication Workshop for Valve Repairs, Jumpers Spools, Hoppers, platforms fabrication, Spades, Blinds and Manifolds. • As Maintenance Supervisor: <ul style="list-style-type: none"> - Preparation and performing lube oil flushing for rotating equipment machines. - Preparation and performing mechanical running test for rotating equipment machines. - Supervise the commissioning & start-up of rotating equipment. - Supported plant operations on rotating equipment (pumps, compressors, turbines). - Ensure that all safety and precautionary requirements and procedures are followed during rotating equipment maintenance & commissioning activities. - Supervising the maintenance activity and required spare parts. - Supervising the maintenance activities for pumps mechanical seal and compressors dry gas seals. - Supervising the periodical maintenance for compressors, pumps and other rotating Equipment. - Support construction pipes – for walk through punching Categorization and prepare test package at A1 (DCU – NHT – DHT) A3 (P3201 – K3501) (nitrogen station). - Supervise the commissioning & start-up activity of new equipment. - Prepare for lube oil flushing for all skids (compressors, pumps and blowers).

- Prepare purchase orders for temporary materials & give a technical support to inventory administration.
- Technical Advisor for procurement team and purchase special material for rotation tools, flange management tools, maintenance tools, torque wrenches.
- Perform lube oil flushing, chemical cleaning, MSR activities, MRT (official running test).
- Perform start-up at Damien water - RW - utilities - fire water system, EDG, tankage area, 3, Building area, corc area.
- Lead work team in field within safety guide lines & standards.
- Initial support commissioning team and maintenance team. For fabricating tools at outside workshops.
- Supervision – critical lifting activities and prepare critical lifting plan.
- Ensure that all safety and precautionary requirements and procedures are followed during rotating equipment maintenance & commissioning activities.
- Finished lube oil flushing and MSR, MRT for electrical motors & steam, motors for instrument air compressors.
- Complete MSR, preventive, MRT for diesel, electrical, jockey fire water pumps.
- Support operation team to start-up steam boiler. Cooler fans, Cooling pumps electrical, steam turbines.
- Complete flushing MSR, MRT for EDG (emergency diesel generator).
- Prepare plan to solve vibration troubles and preventive for Mechanical equipment's.

Dates : From May 2016 till Apr. 2017
Employer : Orascom - SIEMENS
Project : El-Burullus Power Station
Job title : Mechanical Supervisor
Job Description :

- Install 5 compressor – with air cooler – pre final alignment – laser control.
- Install pipeline – between cooler – comp.
- Major comp flounder – change impellers and dry seal for g box flunder type.
- Commissioning activities – for fuel gas station.

Dates : From 2005 till 2016
Employer : Petromaint
Project : Egyptian Liquefied Natural Gas
Job title : General Maintenance Supervisor and installation modification (rotating & static)
Job Description :

- Maintain and overhaul of Turbo machinery equipment: 20 GE centrifugal gas compressors driven by 12 GE MS5002D gas turbines (in two trains, each train has 10 compressors driven by 6 gas turbines).
- Respond timely and proactively to Operation and Maintenance requests.
- Perform routine maintenance schedule.

- Maintain and troubleshooting for GE gas turbines and centrifugal compressors problems.
- Participate in Job Safety Analysis (JSA) related to maintenance work activities.
- Execute preservation plan for GE Gas Turbines spare modules and GANTRY Crane lifting provision.
- LTPI (Linear Transition Piece Inspection) for 6 GE Gas Turbines in Train one, November 2006.
- Replacement of Dry Gas Seal of two GE centrifugal compressors due to catastrophic failure in Train one, February 2007.
- HP rotor replacement of one GE gas turbine, March 2007.
- LTPI (Linear Transition Piece Inspection) for 6 GE Gas Turbines in Train two, May 2007.
- Re-blade of HP rotor buckets and installing the new Extender Kit for 6 GE Gas Turbines in Train one, May 2008.
- Replace the Dry Gas Seals of two GE centrifugal compressors and installing the new abatable seals for them, May 2008.
- Re-blade of HP rotor buckets and installing the new Extender Kit for 6 GE Gas Turbines in Train one, May 2008.
- Replace the Dry Gas Seals of 8 GE centrifugal compressors and installing the new abatable seals for them in Train two, November 2008.
- Replacement of HP & LP rotors of one GE gas turbine due to catastrophic failure, December 2008.
- Overhaul of one Turbo generator (SIMENS SGT35) gas turbine HP rotor due to high vibration, April 2009.
- HP rotor replacement of one GE gas turbine due to catastrophic failure, January 2010.
- Re- blade of HP rotor buckets of one GE gas turbine due to high vibration, March 2010.
- Replace the Dry Gas Seals of two GE centrifugal compressors and installing the new abatable seals for them, April 2010.
- 3 Modular replacements in Train two, June 2010.
- 3 Modular replacements in Train one, May 2011.
- 3 Modular replacements in Train two, July 2011.
- 3 Modular replacements in Train two, December 2011.
- Eddy current inspection for one GE Gas Turbine after 16,000 running hours.

Dates	:	From 2003 till 2005
Employer	:	DODSAL & DLC
Job title	:	Mechanical Supervisor installation and lifting
Job Description	:	<ul style="list-style-type: none"> • Responsible for installation of the 3 Compressors (GE) & NUOVO PIGNONE - Frame 5. • Execute preservation plan for GE Gas Turbines spare modules and GANTRY Crane lifting provision. • Carried out Alignment, final installation and commissioning "Guarantee time". • Conducted Supervision on fixation and installation of Air fan coolers in the Plant, including (adjustment plade angle, alignment, and belt exchange).

- Conducted supervision on different commissioning practices "Guarantee time".
- Carried out the Erection of vessels, heat exchangers, stacks and overhead cranes.
- Responsible upon erection and installation practices for the main three compressors (frame 5) in the plant "Guarantee time".
- Performed the final and pre-alignment required for different equipments at site involving those equipped with laser instrument gauges.
- Participated in the supervision and follow up for the major shutdown to change axial compressor (turbine rotor), compression chamber and cans.
- Install and perform major alignment for 4 turbo generators SIMENS (SGT30).

Dates : From 2002 till 2003
Employer : ABB Dillingham (Main Contractor)
Project : General Authority for Sewage in Alexandria
Job title : Mechanical Foreman
Job Description :

- Performed Erection of the steel structure and clarifiers involving Guarantee time "Replace, repair and maintenance".
- Carried out the Alignment of pumps and mechanical equipments.
- Participated in the Major shutdown assigned for mechanical services.
- Transportation materials and lifting activities.

Dates : From 1998 till 2002
Employer : Hitachi
Project : Alexandria National Iron & Steel (ANSDK)
Job title : Millwright Foreman
Job Description :

- Performed Erection of the steel structure and metal conveyors.
- Erection of different mechanical equipments involving guarantee time "replace, repair and maintenance".
- Carried out the Alignment of pumps and mechanical equipments.
- Acted as lifting and transportation supervisor for practices assigned for marine conveyors and flatten steel plant.

Dates : From 1997 till 1998
Employer : E-M-I-T (Italian company) (Main contractor)
Project : Sidi Krir Power Station
Job title : Millwright Foreman
Job Description :

- Worked on the construction of oxygen stations and the hydrochloride unit.
- Carried out the erection of underground cast iron piping.
- Performed the final and pre-alignment of waste water units, pump station and demi plant in addition to follow up of commissioning activities.
- Maintained and repaired sump pumps and chemical injection pumps.

Dates : From 1995 till 1996
Employer : ABB Susa (Main contractor)
Project : General Authority for Sewage in Alexandria
Job title : Millwright Foreman
Job Description :

- Carried out the installation of pumps, fans, mixers and PVC pipelines.
- Follow up commissioning and maintenance activities for the installed equipments.

Dates : From 1995 till 1996
Employer : FRU-CON (Main contractor)
Project : General Authority for Sewage in Alexandria
Job title : Millwright Fitter to Foreman
Job Description :

- Carried out the erection of pumps and fans.
- Performed the installation of different compressors, slide gate in addition to the erection of overhead cranes.
- Worked on the construction, maintenance and replacement of the head work and clarifiers' in addition to commissioning practices.
- Participated in the major shutdown for the fuel pumps.