

Holds a B. Sc. in Mechanical Engineering and has over 20 years' experience working in construction, operation, maintenance, commissioning and start-up at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 21/03/1980  
Gender : Male  
Marital Status : Married  
Residence : Currently Malaysia

## EDUCATION

: B. Sc. in Mechanical Engineering, Cairo University, 2004

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD (2D & 3D)  
: Solid Works (3D Modeling, Assembly)

## TRAINING COURSES AND CERTIFICATIONS

- : Steam Power Plant Basics and site specifics training courses, Constituting a program of concentrated study of power plant equipments & systems, theory and application, Shoubra El-Kheima Power Station Training Center (4 months).
- : At Cairo West Power Station Training Center:
  - 220 & 66KV GIS Substation Operation and Protection.
  - Unit (Generator, Boiler and Turbine) Protection.
  - Hydrogen and Oxygen Production System.
  - Turbine and Boiler Control Circuits.
  - Boiler Feed Water Treatment.
  - Station UPS System.
  - First Aids Training.
- : ASME B 31.1 Power Piping (Design, Fabrication, Welding, NDT) course from American University in Cairo (AUC).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2024 till now  
**Employer** : RINA Malaysia Energy Sdn Bhd  
**Project** : STESEN JANAKUASA SULTAN AZLAN SHAH, MANJUNG - MANJUNG #4 – CFPP 1x1080MW - TNB JANAMANJUNG SDN BHD (Malaysia)  
**Job title** : Turbine Expert / Consultant / Specialist  
**Job Description** :

- Forced outage due to turbine incident at IP – turbine and IP evaluation total loss. Turbine model (DKY4-4N41T) 1080MW (Generator: 50WT25E-158) ABB, BBC LEGACY TURBINE, GEC LEGACY TURBINE, REACTION TURBINE.
- Witness Steam Turbine Repair and Assembly process.
- Provide technical consultation on the repair and assembly approach to contractor.
- Review the work procedure provided by contractor.
- Advise on approach/solution on the repair and assembly work.
- Provide active explanation and overview on the contractor work against the industry standard practices.
- Ensure work done by contractor are based on best industrial practice.
- Act on behave client to ensure the quality of the work are done as per provided procedure.
- Be a role model for TNB “Zero Incident” safety philosophy for all project’s employees.
- Establish and follow up the implementation of the procedure for minimum documentation.
- Required from contractors for testing and turnover package.
- Support the owner by supervising and solving installation problems and expediting commissioning to safe operation to deliver the project safely for commercial operation.

**Dates** : From May 2024 till Jul. 2024  
**Employer** : SIEMENS ENERGY  
**Project** : Jamshoro 660MW Supercritical Coal Power Station (Pakistan)  
**Job title** : Turbine Specialist  
**Job Description** :

- With specific experience in Siemens industrial steam turbines, particularly SST-600 models. Have a comprehensive understanding of erection, commissioning, startup and operation procedures related, with a focus on ensuring the optimal performance and reliability of steam turbines.
- Lead the erection, commissioning process for Siemens SST-600 steam turbines, ensuring adherence to safety procedures and manufacturer guidelines.
- Provide technical support and guidance to onsite personnel during turbine start up and operation phases.
- Perform routine maintenance tasks and inspections, troubleshoot and resolve issues and document activities.

**Dates** : From Sep. 2023 till Apr. 2024  
**Employer** : MGK Energy Consulting Services Co. (MENA Region)

<b>Job title</b>	: Business Development Manager
<b>Job Description</b>	: <ul style="list-style-type: none"> <li>• Leading the Business development, Tendering, Projects Development and Project Controls while supporting the CEO for the Corporate communication.</li> <li>• Responsible for road mapping the new business line strategies, development of the Prospects pipeline and capacity building together with the Engineering and Innovation department and Head of Business Line. Leading the efforts for Existing Market Development especially with focus on renewable projects in Egypt, Iraq, Libya and Africa. Opening new markets for growth on renewables, water and industrial applications, proposals and engineering teams. Responsible for the strategic planning and identifying the new fronts., development of the Prospects pipeline and capacity building together with the Engineering and Innovation department. Responsible for the strategic planning and identifying the new fronts for comp. and charter expansions.</li> <li>• Lead the bid management process for strategic opportunities, including RFIs, RFPs, and RFQs, ensuring timely and compliant submissions.</li> <li>• Collaborate with sales, technical, and subject matter experts to develop compelling bid responses that address client needs and differentiate our solutions/services.</li> <li>• Conduct thorough analysis of bid requirements, including evaluation criteria, scope of work, and contractual terms, to develop bid strategies and win themes.</li> <li>• Coordinate and lead bid kickoff meetings, bid strategy sessions, and proposal development workshops to align stakeholders and define action plans.</li> <li>• Manage the bid response schedule, milestones, and deliverables, ensuring adherence to deadlines and quality standards.</li> <li>• Review and edit proposal content for clarity, consistency, and compliance with client requirements and company branding guidelines.</li> <li>• Coordinate with internal and external stakeholders to gather necessary information, data, and supporting documents for inclusion in bid submissions.</li> <li>• Conduct post-bid debriefs and lessons learned sessions to capture feedback and identify areas for process improvement.</li> <li>• Maintain bid-related documentation, templates, and knowledge repositories to support future bid efforts.</li> </ul>
<b>Dates</b>	: From Jan. 2023 till Aug. 2023
<b>Employer</b>	: SHNAHAN ENGINEERING LIMITED
<b>Project</b>	: Project SEC # PP13 1600 to 1980MW CCPP (KSA)
<b>Job title</b>	: Mechanical Project Engineer (commissioning & maintenance)
<b>Job Description</b>	: Due to the succession of global crises and the spread of epidemics that affected the performance of many projects, we are currently working professionally to remove the accumulations that affected the PP13 project, the combined cycle consisting of Six gas turbines (GE 7FA.05) six HRSG (STF) Two steam (GE D11) and ACC, EDG, Nitrogen plant, Hydrogen plant, Gas compressor, air compressor , water and waste water plant with the support of the owner by supervising and solving installation problems and expediting commissioning and safe operation to deliver the project safely for commercial operation.

**Dates** : From Aug. 2022 till Jan. 2023

**Project** : IMT Project Western Harbor Tunnels (Australia)

**Job title** : Freelance Mechanical Engineering Consult (Hybrid) – Engineering Group Supervisor

**Job Description** :

- I have been honored to provide hybrid assistance and technical advice to an Australian company bidding Western Harbor Tunnels IMT to facilitate the construction and installation operations of the project infrastructure.
- Responsible for managing the end-to-end bid process, from opportunity identification to proposal submission. With strong project management skills, attention to detail, and the ability to collaborate effectively with cross-functional teams to deliver winning bids that meet client requirements. with a strong understanding of bid management principles, excellent project management skills, and the ability to effectively communicate and collaborate with stakeholders.

**Dates** : From Oct. 2021 till Aug. 2022

**Employer** : TRACTEBEL Engie

**Project** : Tambak Lorok, CCPP Block #3 Project (600-850MW) single shaft train (INDONESIA)

**Job title** : GTG/STG - Project Engineer (owner engineering - consultant) – Gen. (W88 -50 WT – 25E-138), GT (9HA -02) and STG (STF-D652) with SSS clutch

**Job Description** :

- Installation of GE biggest Gas turbine Combined Cycle Power Plant with consists: GE gas turbine 1x9HA.02 ss with HRSG and D-652 STF 3 casing steam turbine + BOP plant, GT electric generator 290T307 (W88 50WT25e-138) Hydrogen cooled generator.
- As Mechanical consultant team support the construction site manager for the mechanical erection provision through-out Preparation, installation, and pre-commissioning stages activities. Also provided technical assistance to the technical lead and contractors with regards to progress compliance with the contract and applicable codes / standards, quality, safety, and environmental acceptance, fire-fighting scope.
- Review procurement documentation ensuring contractors obligation to the projects delivery, contractor's mechanical erection /installation work method statement (ITP) inspection test plan schedule, and risk assessments. Also assisted in verifying contractors work progress.
- Record for the part variations of both owner and contractors are also reviewed, along with mechanical parts of the preliminary (prior to pre-commissioning and commissioning) O&M manuals submitted by the contractor. Final documentation reviews stages also include erection hand-over Packages as prepared by the contractors.
- Maintain the master schedule for overall project implementation incorporating contractors' individual schedules.
- Assist to quality management system and procedures to monitor and to control the time schedule. And risk management system.
- Conduct coordination, supervision and inspection of all construction and erection activities.
- Provide necessary interpretation to the owner's project manager on technical and commercial issue.
- Follow up and monitoring the modification work for GT (combustion

unibodies head end).

- Follow up and monitoring the modification works for ST BG0 & Steam Turbine Improvement-ST Nimonic Balance Piston Steam path Nimonic Seal Rubbing.
- Dismantle the HP & IP turbine and apply welding shims for the felling material in both turbine rotor- Replace balance piston seal material and increase radial clearance per engineering guidance, increase steam path radial clearance on Ni60 stages per engineering guidance, ensure casings (casing to rotor position) are aligned within specification.

<b>Dates</b>	:	From Nov. 2018 till Sep. 2021
<b>Employer</b>	:	Doosan
<b>Project</b>	:	Assiut Power Plant (1x650MW supercritical gas & oil-fired unit)
<b>Job title</b>	:	Mechanical Project Manager (Package 106) - STG MODEL-DST-S20/ HIP combined + 4FLP
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Construction, commissioning and maintenance.</li><li>• I was authorized representative for following all construction activities Turbines measurements, piping installing, fire-fighting scope, welding activities, hydro tests, insulation work, turbine clearance Records, performance test, punch list creation and review all submittals for approval.</li><li>• Follow up all site mechanical construction activities.</li><li>• Monitor and attend all Types of NDT's.</li><li>• Attend the consultant progress meetings and make sure that site activities are in line with project schedule.</li><li>• Coordinate all mechanical activities (Mechanical Equipment and piping installation) with other contractor Interfaces i.e. Civil, Electrical.</li><li>• Perform receipt inspection of Contractor(s)' material deliveries and sign off on Material Receiving Reports (MRR).</li><li>• Review and approve contractors' progress invoices.</li><li>• Responsible for daily monitoring of Subcontractors onsite activities to ensure the Work is Performed in accordance with Contract requirements.</li><li>• Develop punch lists of incomplete work.</li><li>• Verify Contractor(s) equipment installed quantities and quality as per contract Specification and approved procedures.</li><li>• Develop scope definition and technical data for field issued contract change notices.</li><li>• Co-operate with all other department to verify project success with its target schedule.</li><li>• Be a role model for DHI "Zero Incident" safety philosophy for all project's employees.</li><li>• Establish and follow up the implementation of the procedure for minimum documentation Required from contractors for testing and turnover package.</li></ul>

<b>Dates</b>	:	From Jul. 2018 till Oct. 2018
<b>Employer</b>	:	TECHINT Engineering & Construction Company
<b>Project</b>	:	South Helwan Supercritical Power Plant (650MWx3, oil & gas firing)
<b>Job title</b>	:	Mechanical Construction & Commissioning Team Leader (CP-118)

**Job Description** : 

- I was authorized representative for following all construction, pre-commissioning & commissioning activities Turbines Feed water pumps X 6 turbo set measurements, piping installing, welding activities, hydro testes, insulation work, turbine clearance Records for Turbine and pumps with AUX.
- Follow up all site mechanical construction activities.
- Progress meetings and make sure that site activities are in line with project schedule.
- Coordinate all mechanical activities (Mechanical Equipment and piping installation) with other departments.
- Oil flushing and steam blow for oil and steam lines.

**Dates** : From Feb. 2018 till Jun. 2018

**Employer** : PGESCo

**Project** : Benban Solar Power PV Project 1470MW, ASWAN

**Job title** : Project Manager

**Job Description** : 

- Managing all construction and installation civil and electromechanically activities for the following:
  - Solar panel support installation and all auxiliaries, and panel fixation activity tracking to increase the productivity.
  - 500KV / 10 bays GIS switchgear (EGEMAC XD) with 500/220KV tie transformers.
  - Installations of all 22KV (600 Km) interconnecting cables between the PV and the substations including cable accessories (connections and seal ends).
  - 500KV overhead transmission line Benban / Naga Hamadi (195 Km).
- Support planning of subcontractors' activities.
- Review and monitor subcontractors' progress.
- Coordinate between 32 developers and Electrical Egyptian Transmission Company (EETC) for power evacuation planning.
- Prepare critical actions report to alert EETC to decisions and corrective actions taken to control the project and to present major control actions and alternatives with mitigation plan.

**Dates** : From Sep. 2016 till Jan. 2018

**Employer** : PGESCo

**Project** : New Administrative Capital Power Plant, Egypt  
(4800MW - Mega Project - Combined Cycle Power Plant)

**Job title** : Mechanical Project Manager (construction and commissioning (consultant))

**Job Description** : 

- SGT & GTG Turbines, ACC, BOP and WTP & WWTP and waste water injection well, RO plant Construction and commissioning.
- Responsible for daily monitoring of Contractor's onsite activities to ensure the work is performed in accordance with project requirements.
- Develop scope definition and technical data for field issued contract change notices.
- Co-operate with all other department to verify project success with its target schedule.
- Supervise, coordinate and review the work of assigned engineers, estimates staffing needs, schedules, and assigns work to meet

completion dates.

- Tendering Engineer for EL-HAMRAWEN Project 6600 coal PP: As a mechanical engineer expertise and skills to prepare and evaluate bids for various construction projects. I work with a team of engineers and estimators to analyze the technical and financial aspects of the tenders, ensuring compliance with the client's requirements and specifications.

**Dates** : From Mar. 2015 till Aug. 2016  
**Employer** : PGESCO  
**Project** : Suez Thermal Power Plant, Egypt (1x650MW, gas & oil-fired unit)  
**Job title** : Turbine Mechanical Construction Manager (Consultant) - ALSTOM/GE-STG MODEL 2XLT37BU/B  
**Job Description** :

- Turbine, baby turbine & BOP & WTP & WWTP & wastewater and desalination plant construction and start up.
- I was authorized representative for following all construction activities Turbines measurements, piping installing, welding activities, hydro testes, insulation work, turbine clearance Records, performance test, punch list creation and review all submittals for approval.
- Follow up all site mechanical construction activities.
- Monitor and attend all Types of NDT's.
- Attend the consultant progress meetings and make sure that site activities are in line with project schedule.
- Coordinate all mechanical activities (Mechanical Equipment and piping installation) with other contractor interfaces i.e. Civil, Electrical.
- Review and approve contractors' progress invoices.
- Perform receipt inspection of Contractor(s)' material deliveries and sign off on Material Receiving Reports (MRR).
- Responsible for daily monitoring of Contractor's onsite activities to ensure the work is performed in accordance with Contract requirements.
- Develop punch lists of incomplete work.
- Verify Contractor(s) equipment installed quantities and quality as per contract Specification and approved procedures.
- Develop scope definition and technical data for field issued contract change notices.
- Co-operate with all other department to verify project success with its target schedule.
- Be a role model for PGESCO's "Zero Incident" safety philosophy for all project's employees.
- Establish and follow up the implementation of the procedure for minimum documentation required from contractors for testing and turnover package.

**Dates** : From Mar. 2013 till Feb. 2015  
**Employer** : Power Generation Engineering and Services Company (PGESCO)  
**Project** : El Ain El Sokhna Supercritical Thermal Power Plant units 1 & 2 (2x650), gas & oil-fired units  
**Job title** : Project Engineer (start-up and commissioning (consultant)) - DOOSAN-BOILER & TECHINT-BOP & HITACHI-STG Model TC4F – 33.5  
**Job Description** :

- Turbines, baby turbine & BOP & WTP & WWTP & waste water, two desalination plants and desalination plant construction and start up.

- Responsible for daily monitoring of Contractor's onsite activities to ensure the work is performed in accordance with Contract requirements.
- Develop punch lists of incomplete work.
- Verify Contractor(s) equipment installed quantities and quality as per contract Specification and approved procedures.
- Develop scope definition and technical data for field issued contract change notices.
- Co-operate with all other department to verify project success with its target schedule.
- Perform receipt inspection of Contractor(s)' material deliveries and sign off on Material Receiving Reports (MRR).
- Be a role model for PGESCo's (Zero Incident) safety philosophy for all project's employees.
- Establish and follow up the implementation of the procedure for minimum documentation required from contractors for testing and turnover package.
- Collect the completed Quality Checklist, develops metrics and shares the data with the engineering and Procurement functional departments.
- Develop scope definition and technical data for field issued contract change notices.
- Provide input to the project critical action item list as required.
- Supervise, coordinate and review the work of assigned engineers, estimates staffing needs and schedules, and assigns work to meet completion dates.
- Tendering Engineer for SUEZ 650MW oil and gas firing PP: As a mechanical engineer expertise and skills to prepare and evaluate bids for various construction projects. I work with a team of engineers and estimators to analyze the technical and financial aspects of the tenders, ensuring compliance with the client's requirements and specifications.

<b>Dates</b>	:	From Oct. 2011 till Feb. 2013
<b>Employer</b>	:	Mitsubishi Heavy Industries
<b>Project</b>	:	Abu Qir Thermal Power Plant (2x650MW), CP-106
<b>Job title</b>	:	Turbine Mechanical Commissioning Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Turbine, turbine AUX. start up and commissioning.</li> <li>• FLUSHING OIL LINES (turbines lube oil - EH oil).</li> <li>• MOTOR HEAT RUN.</li> <li>• Commission all turbines and aux. systems regarding to the Demand and Feedback.</li> <li>• Steam Blow Preparations &amp; Reassessment Works Supervision.</li> <li>• Turbines start-up from DCS and following up the Behavior Conditions.</li> <li>• All Turbines and aux. systems Supervision and Handover to Client.</li> </ul>
<b>Dates</b>	:	From Jul. 2011 till Sep. 2011
<b>Employer</b>	:	Kharafi National
<b>Project</b>	:	El-Shabab Simple Cycle Power Plant, Egypt (8x125MW)
<b>Job title</b>	:	Mechanical Construction & Commissioning Team Leader
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• My experience in GE gas turbines is with the installation of the frame 9EA, 125MW gas turbine.</li> </ul>

- I was involved heavily with the installation of 8 gas turbine and generators at the El-Shabab project in Egypt.
- This project gained worldwide recognition because we installed these gas turbines and put them on the electrical grid in less than few months.
- Installing the:
  - Turbine skid.
  - Auxiliary skid.
  - Generator skid.
  - Fin fan cooler and cooling pumps.
  - Inlet and exhaust plenum.
  - Air filter system (evap cooler - expansion joint - filter module - Filter Element - media).
  - Exhaust system and stack.
  - Turbine and auxiliary acoustic enclosure.
  - Generator acoustic enclosure.
  - Ventilation system (Turbine, Generator and Auxiliary).
  - Turbine auxiliary skids (Water wash skid, water injection, Gas module, GLAC & GNAC, SSOV, Gas fuel skid, CEMS skid, APU skid, Distillate skid, CO2 container and exhaust frame blowers).
- Carry out the alignment between GEN and Turbine.
- Follow up start-up activities as the assistant with GE site manager according to his request to troubleshoot the turbine during start-up.

**Dates** : From Jan. 2011 till Jun. 2011  
**Employer** : BABCOCK-HITACHI  
**Project** : Cairo West Project (2x350MW), CP-105  
**Job title** : Mechanical Commissioning & Start-up Engineer  
**Job Description** : 
 

- Commission all air, fuel and gas dampers.
- Commission all air and gas fans.
- Commission all fans and dampers regarding to the demand and feedback.
- Steam blow preparations & re-assessment works supervision.
- Light off the boiler from DCS and following up the firing behavior conditions.
- HVAC systems supervision and handover to client.

**Dates** : From Jan. 2010 till Dec. 2010  
**Employer** : Cairo Electricity Production Co. (CEPC)  
**Project** : Cairo West Thermal Power Plant, Egypt (2x350MW gas & oil-fired units)  
**Job Description** : 
 

- Steam Turbine MODEL STG TC2F28 & Gas Turbines Construction Engineer:
  - I was the owner authorized representative for following all construction activities concerning (2) Steam Turbine from release the shipments from the local contractor's facilities to site, Turbines measurements, piping installing, welding activities, hydro tests, insulation work, turbine clearance Records, performance test, punch list creation and review all submittals for approval.
  - Supervising for Installation and performed all tests, measurements, and inspection required by the owner (CEPC) as a witness engineer for the following items:

- ❖ Steam Turbine installation steps and measurements.
- ❖ Lubrication & Control Oil Systems.
- ❖ Condenser, its auxiliary's equipment.
- ❖ Service and instrument air compressor.
- ❖ The relative major pumps like the circulation and service.
- Follow up all site mechanical construction activities.
- Monitor and attend all Types of NDT's.
- Attend the consultant progress meetings and make sure that site activities are in line with project schedule.
- Coordinate all mechanical activities (Mechanical Equipment and piping installation) with other contractor interfaces i.e. Civil, Electrical.
- Review and approve MRR's (Material Receiving Reports).
- Review and approve contractors' progress invoices.
- Tendering Engineer for GIZA NORTH 2250MW CCPP: As a mechanical engineer expertise and skills to prepare and evaluate bids for various construction projects. I work with a team of engineers and estimators to analyze the technical and financial aspects of the tenders, ensuring compliance with the client's requirements and specifications.

<b>Dates</b>	: From 2007 till 2009
<b>Employer</b>	: Cairo Electricity Production Co.
<b>Project</b>	: Cairo West Power Station
<b>Job title</b>	: Mechanical Maintenance Engineer
<b>Job Description</b>	: <ul style="list-style-type: none"> <li>• SIEMENS - Steam Turbine major overhaul (2008).</li> <li>• Maintenance of "Lube oil pumps" &amp; "Lifting pumps" &amp; "Exhaust Fans".</li> <li>• Maintenance of "CCW pumps" &amp; "CW pumps" &amp; "Service water pumps".</li> <li>• Maintenance of Filter water &amp; Demi-water pumps.</li> <li>• Maintenance of "Feed water pumps" &amp; "Main condensate pumps".</li> <li>• Maintenance of "Variable Speed Hydraulic Coupling – VOITH".</li> <li>• Maintenance of "Air Compressors" &amp; "Hydrogen compressors".</li> <li>• Maintenance of "Valves" (Gate, Globe, Butterfly, Non-return valves).</li> <li>• Quality Control Engineering: Non-Destructive Test (Die penetrate Test, Magnetic Test, Ultrasonic test); Vibration measurement &amp; Analysis, Balancing Process.</li> <li>• Carrying out pre-commissioning and commissioning activities of equipment's and systems such as CEPs, MDBFP, TDBFPs, Turbine Lube Oil &amp; Jacking oil system, Generator Seal Oil system, DEH, HP/LP Bypass, Condensate system, Cooling Water system, CPU, etc.</li> <li>• Flushing of DEH and HP/IP/LP bypass skid along with valve stroking.</li> <li>• Turbine rolling and unit synchronization.</li> <li>• Carry out flushing and acid cleaning of TG lube oil, jacking oil and seal oil systems.</li> <li>• Commissioning of BFPs, CEPs, vacuum pumps, CCCW pumps, etc.</li> <li>• Commissioning of Electro hydraulic oil system which included flushing of DEH lines, installation of servo valves and stroking of Steam Stop Valves and Control Valves.</li> <li>• Carry out critical commissioning activities in TG area such as Steam Blowing, Alkali flushing, Condenser flood test, Generator ATT, Generator Hydrogen filling, etc.</li> </ul>

- Turbine rolling and synchronization activities.
- Mechanical Maintenance Engineer – VARIABLE SPEED HYDRAULIC COUPLING – Germany (VOITH) MODEL -M-15:
  - Major overhaul for hydraulic coupling (changing main pump – thrust bearing – check gears backlash).
  - Flushing all OIL LINES.
  - Working oil & lube oil starting.
  - Scope tube adjustment.
- Senior Site Engineer – Zaafarana Wind Farm (JBIC Project) (May 2008 – Nov. 2008): Construction of 142 Wind Turbines 8 (Type: G52 - 850 KW) for JBIC Project 120MW.

**Dates** : From 2005 till 2007  
**Employer** : Cairo Electricity Production Co. (CEPC)  
**Projects** : Cairo West Power Plant & Shoubra El-Kheima Power Plant  
**Job title** : Shift Operation Engineer  
**Job Description** :
 

- Cairo West Power Plant:
  - 2x330MW, Natural circulation, natural gas / H.F.O. fired B&H "Marubeni" design boiler natural drum type-controlled circulation. Including boiler draft equipment (2 FD & 2 GR) fans, air heaters, HP/LP bypassed system, 3 Stages Siemens Turbine, Siemens H cooled generator, soft water-cooled condenser, 7 Stages regenerator feed water heaters, main circulating water system, closed cooling water system, water supply system, waste water system, sampling system, dosing system. Compressed air system, control system (ABB control system), emergency and black start diesel generators, and hydrogen production system.
  - GIS – substation operation.
- Shoubra El-Kheima Power Plant:
  - 4 units "WESTING HOUSE" Steam Turbine & Generator (MCR: 315MW).
  - 4 units "ANSALDO CALDAIE" Steam Boilers (MCR: 1000 t/hr), (Main Steam Pressure 170 bar).
  - PLC Control System.
  - 2 Operation Modes: Constant pressure and Sliding Modes.
  - Natural Gas & Fuel Oil Firing Systems.
  - Emergency Gas Turbine (45MW).
  - GIS – substation operation

**Dates** : From Jun. 2004 till Jan. 2005  
**Employer** : GIZA Company for cables  
**Job title** : Mechanical Production Engineer  
**Job Description** :
 

- Worked on "Continuous Catenary Vulcanization Line".
- Isolation of cables by cross-linked polyethylene (medium & high voltage).

**Field of experience** :
 

- Management Professional with over 20 years of technically disciplined roles across a broad range of green and brownfield environments. I bring solid experience from construction & commissioning and maintenance various construction, testing & pre-commissioning &

commissioning and all maintenance, modification, troubleshooting works with all safety fulfilled precaution with codes and standard in oil & gas firing power plant for many mega project and water treatment, waste plant and drilling wells for feeding or reject which including put not limited (steam turbine, gas turbine, sewage, GIS, Substation, firefighting, offshore intake installation, hydrogen plant, HVAC, sodium hypochlorite plant, natural gas compressor, air compressor, OHC, heavy lifting, Emergency diesel, Waste water). Proven track record Senior Operational and Project management roles. Background in maintenance, modification works. Strong operational management and commercial acumen. Specialties: Business / Portfolio & Project Management and Strategic Planning, Project controls. Demonstrable experience in project and portfolio management. Strong finance understanding with safety and results focus.

- Skills and competencies:
  - Capital Expenditures.
  - New Business Development.
  - Commercial Management.
  - Business Strategy.
  - Business Analysis.
  - Team Building.
  - Skills in managing Strategic and Front-end Processes.
  - Project Execution.
  - Resource & Schedule Management.
  - Cost Management.
  - Project Control Processes.
  - Project Context.
  - Contracting and Procurement.