

100074-MEC-1GMOSY-E-1992
Manager of Turbine Maintenance Dept.

Holds a B. Sc. in Mechanical Power Engineering and has about 23 years hands-on experience working in maintenance, operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/01/1969
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1992

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2011 till now
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Plant
Job title : Manager of Turbine Maintenance Department

Dates : From Nov. 2010 till Oct. 2011
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Plant
Job title : Senior Turbine Maintenance Engineer

Dates : From Nov. 2008 till Oct. 2010
Employer : Initec ENERGIA COMPANY and ALSTOM
Project : MODULE 3 750MW COMBINED CYCLE in NUBARIA POWER STATION
in contract 118 and contract 106

Job title : Commissioning Engineer

Job Description :

- Commissioning and start-up for closed cooling system.
- Commissioning and start-up for circulating water system.
- Commissioning and start-up for waste water system.
- Commissioning and start-up for condensate pumps.
- Proceed flushing to lines of CP-118 and CP-106 in Nubaria Power Station Module 3 at pipe rack.
- Proceed chemical cleaning to lines of CP-118 in Nubaria Power Station.
- Proceed hydraulic test for all lines of CP-118.
- Steam blow for boiler of STF Company in CP-105 and lines of pipe rack in CP-118.
- Commissioning and start-up for pumps in system of CP-118.
- Supervision of closed cooling and circulating system of CP-118.
- Commissioning and start-up for vacuum pump of CP-106.
- Commissioning and start-up of debris filter and ball cleaning system to condenser of CP-106.
- Commissioning and start-up for lubrication oil for ALSTOM steam turbine CP-106.
- Commissioning and start-up for hydraulic oil to control valves to ALSTOM steam turbine.
- Proceed steam blow for module 3 in Nubaria Combined Cycle Power Station for CP-106 and 118.
- Inspection to target in steam blow system for CP-106.
- Commissioning and start-up for ball cleaning system to condenser CP-106.
- Proceed operation at by bass (hp/ip) lines in Nubaria Combined Cycle Power Station.
- Proceed reliability in module 3 in Nubaria Combined Cycle Power Station for CP-118 and 106.

Dates : From Jul. 2006 till Nov. 2008

Employer : West Delta Electricity Production Company (WDEPC)

Project : Damanhour Combined Cycle Power Plant

Job title : Turbine Maintenance Engineer

Job Description :

- Proceed combustion inspection and inspection for combustion chamber, burners, lines of gas fuel and liquid fuel oil for gas turbine Hitachi modified to GE turbine.
- Proceed hot gas inspection: inspection of combustion chamber, burners, stages of gas turbine (nozzles and buckets), measure of clearance between bucket and shroud in every stage of turbine, inspection for diffuser.
- Proceed major overhaul inspection: proceed the previous and additionally inspection for journal bearing of turbine and generator and measure the clearance between the shaft and journal bearing, inspection for hydraulic system, lubrication system, closed cooling system to cool oil and diesel engine.
- Construction and commissioning of upgrade of cooling water system for gas turbine (4x25MW) Hitachi modified to GE turbine.
- Traveling to ITALY to commissioning the upgrade of Operation system for DCS from OIS40, OIS41 to PGP.

- Maintain most kind of valves.
- Proceed maintenance for closed cooling pump, circulating pump, oil pumps for lubricating the bearing, hydraulic oil pumps for control valves.
- Inspection for condenser tubes, debris filter system, ball cleaning system.
- Proceed maintenance for air compressor (Ingersoll rand MH45 and atlas cop co AQ30).
- Proceed major overhaul inspection for GE steam turbine 58MW combined cycle.

Dates : From Mar. 2003 till Jul. 2006
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Plant
Job title : Senior Shift Engineer
Job Description :

- Supervision of 4 Heat Recovery Steam Generators (HRSG) 4x50 tons/hour (manufacturer: NEM – Netherlands) operation.
- Supervision of one Steam Turbo Generates 58MW (manufacturer: GE) operation.
- Supervision of balance of plant (BOP) operation.
- Supervision of Distillate Treatment unit.
- Supervision of 4 gas turbines (4x25MW, Hitachi) operation.
- Supervision of control system (DCS, Mark II and Mark V) operation.
- Supervision of transformers, switches, electrical system and 220KV network operation.

Dates : From Jan. 2002 till Mar. 2003
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Plant
Job title : Gas Turbine Operation Engineer (Mark V)
Job Description :

- Operate turbine by speed control system (to rise speed up and holding period and rise speed to full speed).
- Make synchronizing between generators and network.
- Put Inlet Pressure Control system (IPC) into operation.
- Prepare Inlet Pressure Limiter (IPL) into operation.
- Checking vibration, temperature and pressure rising during operation.

Dates : From Oct. 1998 till Jan. 2002
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Plant
Job title : Auxiliary Operation Engineer (DCS)
Job Description :

- Prepare auxiliary steam system locally and operation by DCS.
- Prepare steam seal system locally and operate by DCS.
- Prepare gland steam exhauster system locally and operate by DCS.
- Prepare condensate system locally and operate by DCS.
- Prepare compressed air system locally and operate by DCS.
- Prepare cooling water system locally and operate by DCS.
- Prepare auxiliary cooling water system locally and operate by DCS.
- Prepare ejectors system locally and operate by DCS.

- Prepare hydraulic oil system locally and operate by DCS.
- Prepare oil system (lubrication & hydraulic) locally and operate by DCS.

Dates : From Nov. 1994 till Oct. 1998
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Plant
Job title : Heat Recovery Steam Generation Operation Engineer (DCS)
Job Description :

- DCS operation for heat recovery steam generator:
 - How to get permissive for all pumps and valves.
 - How to put all systems to work automatically.
 - How to operate systems manually.
- Preparing all parts before running locally.
- Following rotating part during operating and also following vibration, leakage oil, leakage steam, leakage water and noise.

Employer : NEM
Project : Damanhour Power Plant
Job Description : Commissioning and start-up for HRSG:

- Flushing to HRSG lines.
- Chemical cleaning for HRSG.
- Hydraulic test for HRSG lines.
- Steam blow for HRSG and steam lines.
- Inspection of target.