

101318-ICX-CMOS-E-2005
Senior I&C Maintenance Engineer

Holds a B. Sc. in Communication & Electronics Engineering and has over 11 years hands-on experience, including 9 years working as I&C Maintenance Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/06/1982
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Communication & Electronics Engineering, Tanta University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training course on GE gas turbine (9FA), Nubaria Power Station (on-shore training) (Apr./May 2009), the training course was 160 hours and covered the following:
 - Mark VI control system (Toolbox & simplicity).
 - GE gas turbine MS9001FA DLN2 mechanical basics.
 - EXC2001 control system basics.
- : Training course in YOKOGAWA Middle East Training Center Manama – Bahrain (off-shore training) (Oct./Nov. 2009), the training course covered:
 - CS3000 fundamentals for operation.
 - CS3000 fundamentals for engineering.
 - CS3000 maintenance.
- : Training course on SIEMENS GAS TURBINE (V94.3A) and Combined Cycle, Abu Qir Training Center (Mar. 2007).
- : Training course on STF HRSG (on-shore maintenance training) for a 750MW - Nubaria Project III – for two units of HRSG.
- : PSP Power System Projects training course on DC & UPS SYSTEMS (May 2009).

- : PSP Power System Projects training course on PROTECTION FOR TRANSFORMER (Apr. 2009).
- : Training Course on CCNA (Cisco Certified Network Association).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2014 till now
- Employer** : Saudi Electricity Company (SEC)
- Project** : Gas Power Plant Dept. inside Riyadh (PP7):
- 16 General Electric (GE) frame 7e Gas Turbines
 - 6 General Electric (GE) frame 7ea Gas Turbines
 - 2 x W501D5A Siemens Westinghouse Gas Turbines
- Job title** : Senior I&C Maintenance Engineer
- Job Description** :
- I&C Maintenance Engineer Section Head.
 - Make all troubleshooting in the site alarms and failures for Mark V control system.
 - Performing the required maintenance programs of GE gas turbine including daily, weekly, monthly, semi-annually and annually maintenance.
 - Prepare all required spare parts for the turbines.
 - Follow up the upgrade from Mark V control system from TO Mark VIE for 6 units GE FRAME 7EA GAS TURBINE.

- Dates** : From Feb. 2007 till Feb. 2014
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria III Combined Cycle Power Station (750MW):
- One module consists of:
 - Two General Electric (GE) CTG 250MW Type 9FA Turbine
 - Two Horizontal STF HRSG
 - One ALSTOM STG 250MW (HP, IP, LP) Turbine
 - 500KV Switchyard
 - Medium Voltage (6.3KV) Switchgear
 - Low Voltage (400 V) Motor Control Center (MCC)
 - Two CTG Main Transformers 15.75 / 500KV
 - One STG Main Transformers 19 / 500KV
 - Two Auxiliary Transformer 15.75 / 6.3KV
 - Two generator circuit breaker ABB type
- Job title** : I&C Maintenance Engineer
- Job Description** :
- Troubleshooting of GE gas turbine control system (Mark VI) alarms and failures.
 - I&C Engineer during the commissioning and start-up for 2 x GE gas turbine 9FA.
 - Following up of all field instruments installation, calibration and testing, Wake down, punch list and coordination in between the owner, contractor.
 - Following up (calibration, cold loop check, hot loop check, commissioning, start-up, Function test and tuning) for two GE gas turbines 9FA.
 - I&C Maintenance Engineer on GE Gas Turbine after TOAC.

- Performing the required maintenance programs of GE gas turbine including daily, weekly, monthly, semi-annually and annually maintenance.
- Receiving all spare parts for GE gas turbine.
- Responsible of warranty claims in between the owner and GE party.
- Commissioning and start-up for travelling water screens.
- Commissioning and start-up for circulating water pumps and condensate water pumps.
- Commissioning and start-up for closed cooling water pump and demi Water pumps.
- Working as an I&C Maintenance Engineer for PACIS Control System 500KV Conventional Air Insulated switchyard (Substation control system PACIS and Live line insulator washing system).

Dates : From Jul. 2005 till Feb. 2007
Employer : EAS (Egyptian Aviation Services)
Job title : IT Engineer