

104919-ICX-1CMOS-E-2001
Senior I&C Maintenance Engineer

Holds a B. Sc. in Electronics Engineering and has about 16 years hands-on experience working in I&C field at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/10/1979
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Electronics Engineering, Menoufia University, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: EMPAC, LINUX

TRAINING COURSES AND CERTIFICATIONS

: Administration course of TELEPERM XP software for SIEMENS DCS (Germany, 3 weeks).
: PLC S7 300 (one week).
: Instrumentation and control training course (Nubaria Power Station, 3 weeks).
: DCS Plant Control system (WDPF) Westinghouse Corporation, El-Kureimat Power Station.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2009 till now
Employer : Al-Meer Technical Services Company W.L.L
Project : AL ZOOR POWER STATION – MEW – KUWAIT
Job title : Senior I&C Maintenance Engineer

- Job Description** :
- No. 1 Plant consists of: 8 Nos of Siemens Gas Turbine 8x125MW SIEMENS SGT (V94.2), I am working in one of the biggest gas turbine power plant in Kuwait, my job is to oversee and carrying out the Maintenance and repair of all instruments and control system of all power plant, such as field instruments, servers, controllers and DCS Components preventive and corrective maintenance and trouble shooting, I am familiar with TELEPERM XP, cooperate with SIEMENS STUFF as we are client of the power station and dealing with the other contractual companies working in the power station. The Turbines are Single shaft, single casing - twin vertical combustion chambers (8x125MW), with combined Cycle, 2 Nos of Steam turbine, Siemens (2x300MW).
 - No. 2 Plant consists of: 8 Steam Turbines, 300MW each (TOSHIBA). 8 boilers, 1200 t/h steam flow (MITSUBISHI – JAPAN).
 - My job is to oversee and carrying out the Maintenance and repair of all instruments and control system of all power plant such as field instruments, servers, controllers and DCS Components preventive and corrective maintenance and trouble shooting, I am familiar with the following:
 - ABB PROCONTROL P14 is used for upgrading Unit Data Acquisition system, LP BY PASS, LP HEATERS LEVEL CONTROL, FD Fan temperature monitoring system, boiler feed pump monitoring system and most of pits control (Manufacturer: ABB).

I'm familiar with Trouble shooting and Maintenance for Measuring Instruments and PROCONTROL P14 Control Systems by using:

 - EDS System (ver.5.1.-0) was installed in 2002, include EDS Server and clients.
 - PDDS system.
 - POS servers, Suse Linux operating system with additional XTC Libraries and POS 30 software, PRICAP for Toshiba data logger printer for alarm and operation.
 - POS Client, LINUX operating system with POS 30 software.
 - XTC OPC SERVIER, windows operating system.
 - AC 800 F controllers.Cooperate with ABB STUFF.
 - System1100 is used for analogue control system for boiler, turbine and auxiliary (Manufacturer: YOKOGAWA).
 - MACS300-FGC System is used for all drives control, sequence and logic controls for Boiler, turbine and Auxiliary (Manufacturer: MITSUBISHI).
 - TOSMAP – DS Series System is used for Turbine control (Manufacturer: TOSHIBA).
 - Commissioning and interlock checking of Boiler plants. my duties include supervise, co-ordinate and schedule the activities of workers in power plant, methods to meet work activities with other units, train staff in job duties and safety procedure, materials requisition and supplies.
 - Commissioning, Loop Check All Control Circuits.
 - Investigate and analyse the Defects and Trip causes during normal operation.
 - Arrange Lists of the Spare Parts Needed.
 - Routine, Preventive and Corrective Maintenance for Different Systems.

Dates : From Jan. 2009 till May 2009
Employer : Misr Company for Mechanical and Electrical Projects (KAHROMICA)
Job title : Electrical & Instrument Construction Engineer
Job Description :

- Installation of all field instruments.
- Pulling, termination and test of all cables.
- Erection of earthing system.
- Installation of fire protection system.
- Erection of cable tray and conduits.

Dates : From Jul. 2003 till Jan. 2009
Employer : EEA
Job title : I&C Maintenance Engineer
Job Description :

- EL-KUREIMAT POWER STATION III:
 - 2 Gas Turbines F9, 250MW (GE), Control System is (MARK VI) GE.
 - 2 Heat Recovery steam Generations (CMI-INETIC).
 - 1 Steam turbine 250MW (ALSTOM), Control System is (ALSPA P320).
 - 1 Water treatment (Demine, Potable) and waste water plant (METITO).
 - ALSTOM DCS Control System (ALSPA P320).
 - Commissioning and interlock checking of Steam turbine field instruments. my duties include supervise, co-ordinate and schedule the activities of workers in power plant, methods to meet work activities with other units, train staff in job duties and safety procedure, materials requisition and supplies.
 - Commissioning, Loop Check All Control Circuits.
 - Arrange Lists of the Spare Parts needed.
- EL-KUREIMAT POWER STATION I & II:
 - No. 1 Plant consists of:
 - 2 Steam Turbines, 650MW each (GE), Control system is MARK V.
 - 2 Conventional Boilers, 36 Burners (BABCOCK WELCOX – Canada).
 - Water Treatment Plant.
 - The plant is controlled via WESTINGHOUSE DCS (WDPF) control system.
 - No. 2 Plant consists of:
 - 2 Gas Turbines V94.3A 250MW (SIEMENS), Teleperm XP T2000 Control system.
 - 2 Heat Recovery steam Generations (CMI-SKOD).
 - 1 Steam turbine 250MW (HITACHI), Control System is (MARK VI) GE.
 - 1 Water treatment (Demine, Potable) and waste water plant (METITO).
 - The plant is controlled via EMERSON DCS Control System (OVATION).
 - Commissioning, Loop Check All Control Circuits.
 - Investigate and analyse the Defects and Trip causes during normal operation.
 - Attending the training related to the different systems for I&C maintenance team.
 - Arrange Lists of the Spare Parts Needed.
 - Routine, Preventive and Corrective Maintenance for Different Systems.
 - Trouble shooting and Maintenance for Measuring Instruments and Control Systems by using PLC and computer.

Dates : From Nov. 2001 till Jul. 2003
Employer : ENGINEERING COMPANY FOR EXHAUST SYSTEMS
Job title : Electrical & Control Maintenance Engineer
Job Description :

- Co-ordinate and schedule the activities of workers in the company.
- Loop Check, Test, Commissioning, Calibration and Maintenance of All Field equipments: welding machines, power factor, compressors, elevators, cranes, workshop machines.

Software & Systems and Expertise:

- WESTINGHOUSE DCS (WDPF), ABB DCS P14, SIEMENS TELEPERM XP:
 - Basic.
 - Installation, Commissioning, start-up.
 - Engineering.
 - Maintenance.
- PLCs: PLC GE FANUC, Allen Bradley PLC, Siemens PLC S-7 200:
 - Basic.
 - Installation, Commissioning, start-up.
 - Engineering.
 - Maintenance.