

104800-ICX-56DMS-E-2004
Senior Instrumentation Commissioning Engineer

Holds a B. Sc. in Communications & Electronics Engineering and has over 13 years hands-on experience working in Instrumentation & Automation systems especially at cement plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/01/1983
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Benha University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Cisco Certified Network Associate (CCNA) (Cisco ID# CSC010867580).
: Project Management Professional (PMP) (No: 1903801).
: Certified Maintenance & Reliability Professional (CMRP), ID: 220704.
: PLC SERVICE LEVEL 3 - "ST-SERV3" at Siemens Egypt.
: WINCC SCADA - "BWINCCS" at Siemens Egypt.
: Time Management Course at New Horizons.
: Supervisory Skills Course at New Horizons.
: Maintenance Planning and Scheduling at Res Global.
: Project Planning and Scheduling Professional (PSP Preparation) at American University - Cairo.
: Customer Seminar for Mining, Metal and Cement Industry at Endress&Hauser Switzerland.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2018 till now (part time)
Employer : Petrojet, Port Said
Project : Zohr Gas Field
Job title : Senior Instrumentation Commissioning Engineer
Job Description :

- Perform all Instrumentation commissioning activities according to commissioning plan.
- Perform all signal and loop tests using HART communicator.

Dates : From Jan. 2016 till May 2017
Employer : SPIE Oil & Gas Services, Jeddah, Saudi Arabia Branch
Project : Al Safwa Cement Company – Lafarge Line 2 Project
Job title : Senior Electrical Project Engineer
Job Description :

- Responsible for the monitoring of subcontractor works including issuance of instrument materials during installation.
- Update the progress of instrumentation works done by subcontractor.
- Decide as built Instrumentation installation works as per design standard specification.
- Prepared and checked the latest revision of all instrumentation drawing related to construction activity.
- Anticipate all the problems that may occur during the instrument installations especially issuance of materials and make sure that all are available in terms of completion schedule of the priority system.
- Check & supervise the quality of instrumentation erection works done by the subcontractor & make sure that they are following as per project specifications & IFC drawing.
- Participate in the start-up and commissioning of all plant Electrical and Instrumentation Equipment.
- Responsible for the clearing of punch items.
- Review & approve Site Inspection Requests.
- Review & Approve Site Work Permits.

Dates : From Mar. 2014 till Dec. 2015
Employer : FLSmidth Operation & Maintenance, Cairo, Egypt Branch
Project : Wadi El Nile Cement Plant – Beni Suef
Job title : Electrical Control Section Head
Job Description :

- Develop and implement preventive maintenance (PM) plans according to Maintenance Policy.
- Perform electrical & instrumentation preventive and corrective maintenance activities at the best cost while maintaining high safety and reliability performances.
- Develop and implement work instructions and maintenance standard procedures and tools.
- Organize, supervise and control group of senior engineers and technicians.
- Design all control algorithms required in DCS and local control panels.
- Ensure accurate and reliable work records and keep technical documentation up to date.

- Ensure appropriate management of spare parts stock.

Dates : From Feb. 2011 till Feb. 2014
Employer : FLSmidth Operation & Maintenance, Cairo, Egypt Branch
Project : Wadi El Nile Cement Plant – Beni Suef
Job title : Senior Control Engineer
Job Description :

- Troubleshoot and Repair as quickly as possible all Instruments on Cement Plant to maintain a high level of production.
- Make maintenance and calibration of any process instrument loops and its control system (PID) such as (Vibration, Temperature, Pressure, Speed, Position, Flow, ...etc.).
- Issue the maintenance job plans for all (instruments, control panels, Gas Analyzers, ...etc.).
- Lead a group of technicians in executing the preventive maintenance plans during shutdowns.
- Troubleshoot and Program PLCs like (Siemens S7-200, S7-300, S7-400, Wago, Zelio and Beckhoff).
- Work on FLSmidth ECS System (Expert Control System).
- Work on the programming of HMIs (Proface).
- Troubleshoot and Calibrate FLSmidth Pfister Weigh Feeders.
- Troubleshoot and Calibrate ABB Gas Analyzers (Uras 26 & Magos 27).
- Participate in an Audit mission at Al Jof Cement Plant (Saudi Arabia).
- Participate in the commissioning of "New Rock Phosphate Terminal" (Aqaba - Jordan).
- Following up Preventive Maintenance programs in Maximo Software.

Dates : From Dec. 2006 till Jan. 2011
Employer : ASEC Automation (Electricity and Automation), Cairo, Egypt
Project : Helwan Cement Plant
Job title : Senior Instrumentation & Automation Engineer
Job Description :

- Troubleshoot and Repair as quickly as possible all Instruments on Cement Plant to maintain a high level of production.
- Make maintenance and calibration of any process instrument loops and its control system (PID) such as (Vibration, Temperature, Pressure, Speed, Position, Flow, ...etc.).
- Troubleshoot and Program different types of PLCs like (Siemens S7-200, ABB AC800M, Allen Bradley SLC500, Procontic CS31 & Procontic DP800).
- Work on ABB DCS System (Industrial IT System 800xA).
- Work on sub control panels like (MCCs, Calciner Panels, Shock Blasters Panels, AC Drives Panels, ...etc.).
- Work on different types of weigh feeders from Schenck Company like (Intecont Plus, Multicont, Microcont, Disocont & Analog Panels).
- Calibrate and Troubleshoot different types of damper actuators like (Auma & Bernard).
- Following up Preventive Maintenance program in SAP.
- Distribute Maintenance activities on technicians in planned shutdowns.
- Following up Work orders/requisitions/spare parts.
- Participate in overhaul missions abroad (Zahana & Meftah Cement

Plants at Algeria).

- Dates** : From Feb. 2005 till Nov. 2006
- Employer** : Shaker Consultancy Group (Electromechanical Consultant), Cairo, Egypt
- Job title** : Project Engineer in BMS (Building Management System) Department
- Job Description** :
- Design a fully functional control system that includes controllers, motor control centers, various communications devices and the full complement of operational software necessary to have a fully functioning control system (control & monitoring) for all Electrical, HVAC, Light current and plumbing equipments in the buildings.
 - Work in the following Projects:
 - Mena House Oberoi Hotel, Egypt (Design Scope).
 - Cairo Financial Center, Egypt (Design Scope).
 - Al Barshaa Building, Dubai (Design Scope).
 - Al Wosail, Qatar (Design Scope).
 - Grand Mosque, Qatar (Design Scope).
 - Grand Pyramids Plaza – City Stars, Egypt (Site Inspection Scope).
- Field of experience** :
- Familiar with the building control systems of many companies (Siemens, Johnson Controls, Honeywell).
 - Experienced in the Instrumentation & Automation systems especially at cement plants.
 - Aware of Industrial Safety Rules.