

Holds an Electrical Diploma and has over 23 years hands-on experience working as I&C Technician / Supervisor.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/07/1978
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

: Diploma in Power Electrical (1993-1996)
: Cairo Technical Institute Electric Machinery (1996-1998)

LANGUAGES

Arabic : Native Language
English : Very Good
Italian : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: PLC Basic Control & Basic PID Control, Egyptian Electricity Ministry Center (2 weeks) (2000).
: DCS Basic Control, Egyptian Electricity Ministry Center (2 weeks) (2000).
: Basic Instrumentation Measuring Devices, 6 months in Egyptian Electricity Ministry Center (2000).
: Basic Control valve, 1 month in Egyptian Electricity Ministry Center (2001).
: Process Control & Instrument & Hazardous Area Classification, ENPPI Center Cairo Egypt (2 days) (2011).
: Basic Pneumatic Loops, ENI Company in IRAQ (2 weeks) (2012).
: Basic Control Loops, TECHNIP Centre (2 weeks) (2017).
: CMMS & SAP System, PETORBEL / ENI (2 days) (2017).
: F&G System, ENPPI Center Cairo Egypt (2 weeks) (2011).
: H2S Analyzer Transmitter, Calibration & Operation, Schlumberger (3 days) (2017).

- : Risk Assessment Training, Schlumberger (1 day) (2017).
- : Firefighting System, Schlumberger (3 days) (2017).
- : Hazard Identification, Schlumberger (2 days) (2017).
- : Permit to Work, Schlumberger (2 days) (2017).
- : PPE, Schlumberger (1 day) (2017).
- : First Aid, Schlumberger (1 day) (2017).
- : Basic H2S Training Level One (OPITO), The Arab Academy for Science and Technology (1 day) (2017).
- : H2S Training Level Two (OPITO), The Arab Academy for Science and Technology (1 day) (2017).
- : PSV Calibration, Testing, Repair, TOYO (2 weeks) (2015).
- : SAMSAN Control Valve, SAMSAN Center, Egypt (1 week) (2015).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2019 till now
Employer : BP
Project : (UGDC) United Gas Derivatives Company, Port Said
Job title : I&C Maintenance Supervisor
Job Description :

- Supervisor for Instrument Junior & Technicians & Helpers and Monitoring the Implementation of the computerized maintenance management system (CMMS) (oracle enterprise asset management) Programs with close adherence to the rules and instructions.
- Responsibility for maintenance of the instrument for field side, gas compressor and Gas turbine (SIEMENS GT-10), F&G system and analyzer transmitter.
- Work with asset integrity team for all inspection all control valves in the plant.

Dates : From Oct. 2017 till Mar. 2019
Employer : Schlumberger
Project : Zohr Development Project (EPF) H2S Gas Treatment
Job title : I&C Maintenance Senior
Job Description :

- Team Leader for Instrument Junior & Technicians & Helpers and Monitoring the Implementation of the computerized maintenance management system (CMMS) (SAP) Programs with close adherence to the rules and instructions.
- Responsibility for instrument punch items from construction team (main & sub contract company and vendors).
- Responsibility for hand over from Commissioning and start-up team to maintenance activity.
- Responsibility for hand over with owner (Documentation & spare parts & Asset Integrity).
- Dealing with H2S Gas Treatment F&G and Instrument Device.
- Dealing with Allen Bradley PCS Control Logix L71.
- Dealing with HIMA HI-Max SIL- ESD System.
- Dealing with (H2S & PH & Redox & Conductivity & Stack) Analyzer

Dates : From Jan. 2015 till Sep. 2017
Employer : TOYO Company
Project : Ethylene Project (Ethydco Company), Egypt
Job title : I&C Calibration & Commissioning Supervisor
Job Description :

- Supervising and coordinate calibration & Commissioning for (15000) instrument device on skid and of skid.
- Supervising the instrument technicians & helpers for the functional Loop test of the instruments devices installed on process equipment's and the relevant control system(s) the control loop checks are performed to verify the integrity of electrical and instruments Interconnection made at the site, to verify the calibration (three points Calibration: zero, midpoint, full scale) of all indicators transmitters and Regulators (level, pressure, temperature, humidity, flow) and to verify the set point of all the instruments listed in the "Instrumentation List", for which a set point is indicated.
- Assistant start-up and maintenance activate for all instrument & PSV.
- Dealing with (Honeywell C300 Controller & Triconex ESD) system.
- Dealing with (SIEMENS S7-300 & S7-400 & Allen Bradley (Logix5000 & plus600)) PLC System.

Dates : From Aug. 2014 till Jan. 2015
Employer : SHELL
Project : Gas Plant Treatment Stage Production, Badr El Din Petroleum Company (Egypt)
Job title : I&C Commissioning Supervisor
Job Description :

- Supervising the instrument technicians & helpers for the functional Loop test of the Foundation Fieldbus instruments devices installed on Process equipment's and the relevant control system(s) the control Loop checks are performed to verify the integrity of electrical and Instruments interconnection Made at the site, to verify the calibration (Three points calibration: zero, midpoint, full scale) of all indicators Transmitters and regulators (level, pressure, temperature, humidity, Flow) and to verify the set point of all the instruments listed in the "Instrumentation List", for which a set point is indicated.
- Assistant start-up and maintenance Activate for All Instrument.

Dates : From Jun. 2012 till Jun. 2014
Employer : ENI
Project : South Oil Production Company (IRAQ)
Job title : I&C Maintenance Supervisor
Job Description :

- Supervising the instrument technicians & helpers & monitoring the implementation of the computerized maintenance management system (CMMS) Programs with close adherence to the rules and instructions.
- Dealing with instrument preventive and predictive maintenance activities on all electrical systems of the oil production plant equipment, facilities, control loops and instruments systems within the designated area of responsibility, including Pressure / Temperature switches, Electro-magnetic Flow meters, P/I Converters, Calibration, Loop Checking & Troubleshooting of Flow, Pressure, Level, Temperature Transmitters, MOVs, Control valves. Vibrations monitors, HART protocol and working

with DCS System, Emergency Shutdown System.

Dates : From Sep. 2010 till May 2012
Employer : British Gas
Project : Burullus Gas Company (EGYPT)
Job title : I&C Maintenance Supervisor
Job Description :

- Supervising the instrument technicians & helpers & monitoring the implementation of the computerized maintenance management system (CMMS) Programs with close adherence to the rules and instructions.
- Maintenance and troubleshooting for all instrument in Field Control of Gas Turbine & Gas Compressor Turbine Train and F&G System. Dealing with (Foxboro) DCS & (Siemens step 7 & Allen Bradley EX5000 & ICSS) system.

Dates : From Jul. 2008 till Aug. 2010
Employer : TECHINT
Project : Methanol Plant Project (E Methanex) (EGYPT)
Job title : I&C Commissioning Supervisor
Job Description :

- Supervising the instrument technicians & helpers in commissioning area and control room.
- Loop Check & Commissioning & Function Test & Cause & Effect Matrix & Maintenance in the following:
 - Siemens Compressor steam Turbine Train (SYN Gas & Nat Gas Compressor). Man Turbo Compressor Turbine Train (Mac & Back Compressor).
 - GE Steam Turbo Generator (2x15MW).
- Dealing with (Triconex Over Speed Protection).
- Dealing with (Braun over Speed Protection (E16E313)).
- Dealing with (anti-surge Protection (Braun E16E313)).
- Dealing with (anti-surge Protection (SIEMENS S7-300)).
- Install & Adjustment and Test Speed Probe (BRAUN A5S11N3).
- Install Adjustment and Test Vibration Probe (3300XL 8MM & 5MM BENTLEY NEVADA).
- Calibrated and Adjustment Speed Converters Control Valve (DSG-B05242 VOITH).
- Dealing with Solo-run start-up step.
- Dealing with Startup Compressor Step & make anti-surge Test.
- Dealing with Process Instrument for Compressor Area.

Dates : From May 2007 till Jul. 2008
Employer : TECHNIP
Project : Yemen LNG Plant Project TOTAL (YEMEN)
Job title : I&C Commissioning Supervisor
Job Description :

- Supervising the instrument technicians & helpers in commissioning area and control room.
- Loop Check & Commissioning & Function Test & Cause & Effect Matrix & Maintenance in the following:
 - Responsible for Instrument & Electrical Pre-com & commissioning Activity for main contractor Foster Wheeler Worley Parsons Pte Ltd

(FWP).

- Read construction E & I documents and the scope of work.
- Dealing with (ICAPS) integrated commissioning & progress system (population & modify items or Basic function & loop folder & technical data base & check sheet & pre-commissioning sheet).
- Dealing with (Foxboro) DCS & (Siemens step 7 & Allen Bradley EX5000) Check function analyses between man DCS & PLC package & serial link (ICSS) system.
- Dealing with F&G (VT & VE & R DOS & RDIS & RDEW & RDUI) & Gas detector. Dealing with (flow serve logix800series & masoneilam4000 & fisher DVC6020 & ROTORK) control valves.
- Dealing with (Endress+Hauser Promass83 & Yokogawa & Rosemount 1151 & Enraf) Transmitter.
- Commissioning and start-up for (Nitrogen Generation unit & turbine generator unit & Burn pit liquid burner unit & Air compressor unit & Steam boilers unit).
- Loop check and function test for all instruments in all unit.
- Dealing with fuel gas analyzer (Siemens ultramat23).
- Dealing with PH & CON (ABB TB82) analyzer with carbon dioxide detection & oxygen & hydrogen (ABBA0204o) analyzer.

Dates : From Feb. 2005 till Mar. 2006
Employer : PETROFAC
Project : GAS Plant TREATMENT STAGE (Egypt)
Job title : I&C Specialist Calibration
Job Description :

- Responsible for calibrations Laboratory of testing all Types of the Instrument Flow, Pressure, Level Displacement Type, Temperature (RTD, Thermocouple) Transmitter & Control valve & PSV.
- Calibration F&G system (Searchline EXCEL open path gas detectors, Ultrasonic gas leak detectors, point flammable gas detectors, gas detectors toxics, gas acoustics detectors GASSONIC MM0100).

Dates : From Apr. 2004 till Dec. 2005
Employer : Saudi Arabia Electricity Ministry
Project : Riyadh Gas Power Plant (Saudi Arabia)
Job title : I&C Maintenance Technician
Job Description : Dealing with instrument preventive and predictive maintenance activities on all electrical systems of the Gas Power plant equipment, facilities, control loops and instruments systems within the designated area of responsibility, including Pressure / Temperature switches, Electromagnetic Flow meters, P/I Converters, Calibration, Loop Checking & Troubleshooting of Flow, Pressure, Level, Temperature Transmitters, MOVs, Control valves. Vibrations monitors, HART protocol and working with DCS System, Emergency Shutdown System.

Dates : From May 1998 till Mar. 2004
Employer : Egyptian Electricity Ministry
Project : Steam Power Plant
Job title : I&C Maintenance Technician

Job Description : Dealing with instrument preventive and predictive maintenance Activities on all electrical systems of the Steam Power Plant (Steam Turbine, Steam Boiler, water Desalination (MSF) & water treatment) Equipment, facilities, control loops and instruments systems within the Designated area of responsibility, including Pressure / Temperature Switches, Electromagnetic Flow meters, P/I Converters, Calibration, Loop Checking & Troubleshooting of Flow, Pressure, Level, Temperature Transmitters, MOVs, Control valves. Vibrations monitors, HART protocol and working with DCS System, Emergency Shutdown System.

Field of experience :

- GE Gas Turbines Instrument Technician.
- Instrument Team Leader.
- Instrument Commissioning & Loop Check Senior.
- Coordinator PLC & DCS & ESD System during Commissioning and loop check.
- Calibration Specialist for All Instrument & PSV.
- Maintenance Instrument Senior Hand Over.
- Dealing with (Honeywell C300 Controller) System.
- Dealing with (Foxboro DCS (Invensys) & ESD (Triconex) System.
- Dealing with (Allen Bradley PLC Logix5000 & Plus600) System.
- Dealing with (SIEMENS S7-300 & S7-400) PLC System.
- Dealing with (Triconex ESD for Over Speed Protection) System.
- Dealing with (Braun ESD for over Speed Protection (E16E313) System.
- Dealing with (anti-surge Protection (Braun E16E313) System.
- Dealing with (anti-surge Protection (SIEMENS S7-300)) System.
- Dealing with Foundation Field bus System.
- Function Test & Interlock Logic Diagram Test for DCS (Complex Loop) & SIS System.
- Install Adjustment and Test Vibration Probe (3300XL 8MM & 5MM BENTLEY NEVADA).
- Calibrated and Adjustment Speed Converters Control Valve (DSG-B05242 VOITH).
- Dealing with F&G detection system.
- Dealing with analyzer transmitter for oil and gas facility.
- Carry out preventive and corrective maintenance work on instrument and control.
- System through the COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS).
- Provide Technical inputs in full cycle of procurement processes for contract, materials and service.
- Requisition so that all technical requirements are addressed properly to protect company.
- Represent discipline for frequent review and meeting, Attend kickoff meetings with clients & subcontractor and Provide support & Training to operations during handover.
- Review of all the engineering drawings (Layouts, cable schedule, hook ups, Installation Details P&ID, Loop Drawing, Logic diagram, schedule, etc.) and identify any required Modification at site, Discuss and solve any technical Query and Final Review of marked-up / as-built drawing.
- Tracking and recording of 'Request for Inspections' (RFI's) and work progress on site, Responsible for the clearance of Mechanical

Completion Check Records (MCCR).

- Ensured consistency and integrity of Instrumentation Design (ID) & Quality Control Procedures (QCP) throughout the project and Prepare all Quality Control Documentation (QCD) such as Method Of Statements (MOS), Inspection & Test Procedures (ITP's), RFI's, NCR etc. in coordination with Quality Control Manager.
- Reviewing & Prepare quality control procedure (QCP's) and Inspection Test Plan (ITP's) and Method Statement as per Specification and project requirements and Follow the international standard (IEC, ISA, NEMA).
- Prepare a daily report, weekly progress, monthly invoices and the time schedule for the activity and prepare the three-week look ahead schedule report. Coordinate with other heads of Department at the project site to review the overall progress in work and coordinate with them to assess any hold points.
- Responsible for ensuring all aspects of the project comply with HSSE requirement, corporate HSSE policies, procedures and Preparation of work permit, JSA and Risk Assessment.
- Preparation of work Packs, loop folder, inspection forms (ITR) and Mechanical completion & Coordinate with client to obtain a final sign off.
- Carry out inspection of the material (Material Receiving inspection) when it arrives in the warehouse to ensure its conformity to the project specifications and Purchase Order.
- Review Datasheet and P&ID and Project Specs in order to identify and prepare the Purchase order for the required instrument and prepare Instrument index, I/O....
- Carry out the Daily surveillance inspections of all activity at site to ensure subcontractor are following all IFC drawing International standard and Project specification.
- Coordinate with the Operations and other concerned department in having a Management of Change (MOC) prior to the any construction job on site.
- Responsible for the inspection of installation of Instruments, Conduits and fittings (above and below ground), Cable trays/ladder racks and Cables, Junction Boxes, Control Panels, Consoles, wiring termination, impulse tubing as per the project specification.
- Check the quality and the availability of the Material at warehouse to be sure that the work activities run without any delay and prepare material requisition for any shortage material.