

CURRICULUM VITAE
INSTRUMENT&CONTROL SUPERVISOR

Name : T.DURGARAO
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TOTAL YEARS OF EXPERIENCE : 17 Years
GULF EXPERIENCE : 12 Years
INDUSTRIAL EXPERIENCE : **Oil&Gas, Power Plant, Desalination,
Pharmaceutical**
TECHNICAL QUALIFICATION : Engg.Diploma (Electronics and Communication
Engineering)
: Industrial Training Certificate (Instrumentation)

PRESENT EMPLOYMENT:

Since 2016 working as Instrument & Control Supervisor (Construction, Commissioning, Maintenance) in Ministry of Electricity (**MEW**) on behalf of **M/s. ALGHANIM**

INTERNATIONAL-KUWAIT.

GAS TURBINE-900MW, STEAM TURBINE-400MW ALSTOM: GT13E2 (CCGT)
GAS TURBINE-750MW, SIEMENS: SGT5-4000F [V94.3A] Combined Cycle.

PREVIOUS EMPLOYMENT:

July 2010 to March 2016

Worked as Instrument Supervisor in **Kuwait Oil Company (KOC) Gathering Center (GOSP)** through **M/s. KHARAFI NATIONAL**

- Worked on Preventive& Corrective Maintenance, Shutdown Overhauling of Gathering Center-09 East Kuwait, Which includes Equipments like Separator, Dehydrator, Desalted, Storage Tanks-Wet and Dry, Heater, Condensate Recovery Unit, Feed Pumps and Manifold, Gas Turbine-RUSTON TA 1500, Honeywell Experion (EPKS).

KEY SKILLS: PLC, DCS, SCADA, ESD, **Fire& Gas** Detection System, Fire Fighting, HVAC System. Calibration, Loop Check, Construction, Pre-commissioning and Commissioning, Control function tests, Troubleshoot of Electronics, Pneumatic Instruments& Hydraulic Equipments like Pressure, Temperature, Level, Flow and also Corrective, Preventive Maintenance and Shutdown activities carried out.

SYNOPSIS OF ERECTION&COMMISSIONING Q.C INSPECTOR EXPERIENCE:

- Familiar with NFPA, NEMA, IEEE, ANSI, ISA, IEC, and NIST Standards
- Day to day site surveillance visit to monitor ongoing activities.
- Carried out inspection activities as per RFI (Request for inspection) received from Contractor with reference of IFC.
- Familiar with Hookup Drawings, Datasheet, P&I D, Instrument Control Logic and Sequence test Diagram
- Experienced in Surveillance, Installation, Testing and Commissioning of various Process control systems such as PLC, DCS, ESD, VMS also SAT.
- Working knowledge on Inspection of various items such as Cable Tray work, Cable laying, Glanding, Termination, Continuity testing, Meggering, Cabinet installation, JB installation, conduits installation, Instruments installation, Instrument tubing, Impulse lines installation, Pressure testing, loop testing, Pre-commissioning and Commissioning, Function test, Interlocks and Sequence test
- Inspection of **Fire Alarm, Firefighting** (Heat, Smoke, Flame, Gas) Function test of Zone& Network system and **HVAC** system, **Gas Detection** System of Function & Sequence test. [Minimax-FMZ5000,Tyco]
- Visual Inspection of all Electronic& Pneumatic Instruments to check for as per Approved Data sheet as Specification, also carried out Inspection for Calibration of Transmitters&Switches-PR,DP,LEVEL,FLOW,TEMP.
- Spare parts visual Inspection and verification of Electrical/Instrumentation Material as per Construction package.
- Inspection experience on various Electrical items such as MV/LV Switch gear function test , Mov, Motor, Mcc, Ups ,Transformers, F&G system, HVAC system, Cabling, ear thing, lighting, lightning systems and Fire stop Material
- Gas Compressors, Gas/Steam Turbine related Vibration Sensors Function check and troubleshoot of **Vibration Monitoring System VM600** (Accelerometer and Magnetic pick up) **Bentley Nevada 3300XL**.
- Leading as a team leader, excellent planning and organizational skills with ability to manage the day-to-day Activities of the work. Experienced in meeting all Safety measures, guidelines and regulations for the safe execution of work and shall report the work progress to the Superior on day to day basis.
- Monitoring and reporting on site activities progress, also Review and comment of contractor/sub contractor work scope.

- Coordinate with design engineer in order to review and revise the drawing as per site condition accordingly.
- Attending daily progress meeting with EPC contractor and highlight issues and concerns related to site activities.
- Planning and organizing the daily work schedule for contractor, Moreover Coordinate with other department to resolve the interface issues.
- Working Experience on **MAXIMO** to create work order, for Permit to work [PTW].
- Analyzers installation commissioning maintenance, Troubleshooting and calibration of Sample gas CEMS- **CO₂, O₂, CO, NO, NO₂, NO_x, SO, SO₂** and Gas Chromatography also Process line related: Conductivity, PH. Manufacturer : Siemens Ultra mat-6, Rosemount, Defor, Eco Physics-CLD822.
- Opacity Sender/Reflector Transmitter Alignment, Commissioning-Mfg: DHT,SICK.

CONTROL SYSTEM EXPERIENCE- DCS:

- Honeywell Experion Process Knowledge System **EPKS-C200**
- Siemens Power Plant Automation **SPPA-T3000**
- ABB System name **800XA** Type-AC450/AC160
- ALSPA System **MFC-3000**
- Working Experience on **PLC & SCADA** SIEMENS Simatic **S7 300/400** and Modicon M340
- Allen Bradley (**Compact Logix 1769-L32E**) and ELSTER Instromet
- Replacement of **DCS and PLC** for I/O Modules, Relay Modules, HMI ----Etc

FIELD EXPLOUSRE:

- Able to understand the Like **P&ID, Instrument Loop Diagram, Instrument Logic Diagram, Cause and Effect Diagram, Hookup Diagram**
- Calibration Bump test for **Toxic and Combustible Gas Detectors**
- Calibration& Maintenance of Level Transmitters like **DP, ULTRASONIC, RADAR, DISPLACER.**
- Carried out Panel Wiring, Control Loop check and Trouble shoot.
- Carried out Pneumatic, Hydraulic Equipments Servicing and Maintenance
- Carried out Calibration of control valves and Stroke check of On/Off valves.
- Carried out All types of Gauges Calibration and Maintenance.
- Carried out Calibration. of R.T.D and Thermocouple
- Carried out Air Compressors trouble shoot and Maintenance.

- Handling of HART (**375&475**) Communicator and ABB **691** HT.
- Handling of Calibration Equipments **BEAMEX-MC5&2**.
- Calibration and trouble shoot of instruments Pressure, Temperature, Level, Flow etc.
- Familiar with instruments of Manufacturer ROSEMOUNT, ENDRESS+ HAUSER, ABB, HONEYWELL, UE, YOKOGAWA, FORBES MARSHAL, METSO, SAMSON, MOORE, FISHER, SIEMENS, HITROL, FOXBORO, FLOW SERVE.

EXPERIENCE OF NATURAL GAS DISTRIBUTION SYSTEM:

- Day to day site surveillance visit and monitor Natural gas of Distribution Network Metering System with SCADA (Elster Instromet)
- Carried out Instruments Calibration, loop check, trouble shoot, pre commissioning/commissioning and maintenance of Metering system {skids upstream and downstream}, Solar system trouble shoot and maintenance.
- Carried out Communication of Metering system for SCADA {RS-232 and 485}
- Carried out Natural gas Ultrasonic flow meter and Turbine flow meters installation, trouble shoots Calibration and maintenance

EMPLOYMENT HISTORY:

- Since May 2016 working as Instrument & Control Supervisor (Maintenance) in Ministry of Electricity_ **GAS TURBINE-1300MW_Combined Cycle, ALSTOM: GT13E2** on behalf of **M/s. ALGHANIM INTERNATIONAL- KUWAIT**.
- July 2010 to Mar 2016 Worked as Instrument & Control Supervisor Maintenance Project **Kuwait Oil Company (KOC) Gathering Center-09(GOSP)** through **M/s. KHARAFI NATIONAL - KUWAIT**.
- NOV.2009 to June 2010 Worked as Instrumentation & Control Asst. Engineer in **M/s. POLMON INSTRUMENTS PVT. LTD- INDIA**.
- April 2008 To Oct 2009 Worked as instrumentation supervisor in **M/s. EAST GAS CO LTD. (KSA), WARAQ CO Ltd- SAUDI ARABIA**.
- Nov 2006 To Dec 2007 Worked as Instrumentation Sr.Tech in **M/s. C.P.M LTD, DUBAI (UAE)**.
- June 2003 to Nov 2006 Worked as Instrumentation & Control Tech in **M/s. POLMON INSTRUMENTS PVT. LTD- INDIA**.
- Jun 2002 To May 2003 Worked as Instrumentation Apprenticeship Training in **JEYSUCO.LTD- INDIA**.

PERSONAL DETAILS:

Name : THIPARTHI.DURGARAO

Father Name : T.SATYANARAYANA

Date of Birth : 28-04-1982

Marital Status : MARRIED

Nationality : INDIAN

Passport no : LOO81624

Date of expiry : 07-05-2023

Permanent Address : S/O T.SATYANARAYANA
HYDERABAD
(INDIA)

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge. I bear the responsibility for the correctness of the above mentioned particulars.

Place:

Date: