

# **CURRICULUM VITAE**

## **GODU LAL**

Electrical & Instrumentation Engineer,  
VPO-DEENDARA,TEH- KISHANGARH,  
DIST-AJMER  
RAJASTHAN 305801

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## **CAREER OBJECTIVE**

To associate with a progressive organization that enhances my knowledge and skills according to the latest trends and to become a part of a team that dynamically works towards the growth of the organization.

## **PROFESSIONAL EXPERIENCE**

### **OTAL INDUSTRIAL EXPERIENCE – 10 YEARS**

#### **GOILDEN OIL INDUSTRY LIMITED**

DESIGNATION: ELECTRICAL & INSTRUMENTATION ENGINEER.  
SITE DETAILS: ONITSHA OIL REFINERY,  
TENURE: MAY 2019 TO OCT 2020.  
PLACE: ONITSHA, NIGERIA.

#### **TPSC (INDIA) PRIVATE LIMITED.( M/S HARI ASSOCIATES)**

DESIGNATION: Sr. ENGINEER CONTROL & INSTRUMENTATION.  
SITE DETAILS: MEJA URJA NIGAM PRIVATE LTD (NTPC), 2\*660 MW,  
TENURE: NOV. 2018 TO APRIL 2019.  
PLACE: ALLAHABAD UTTAR PRADESH.

#### **Power Mech Project LTD.**

DESIGNATION: INSTRUMENTATION ENGINEER.  
SITE DETAILS: CGPL TATA POWER LTD MUNDRA, 5\*800 MW,  
TENURE: DEC. 2017 TO NOV.2018.  
PLACE: MUNDRA GUJARAT.

#### **LANCO INFRATECH LTD.**

DESIGNATION: INSTRUMENTATION J.ENGINEER.  
SITE DETAILS: ANUPPUR 2\*600MW  
HINDUSTAN POWER PVT.LTD, SUB CRITICAL BOILER  
TENURE: AUG 2015 TO SEP 2017.  
PLACE: ANUPPUR, MADHYAPARDESH.

#### **Vedansh Plant & Engineering Service**

DESIGNATION: INSTRUMENTATION ENGINEER.  
SITE DETAILS: Adani Power Rajasthan project Kawai  
2\*660 MW, SUPER CRITICAL BOILER  
TENURE: MAY 2012 to JULY 2015.  
PLACE: BARAN, RAJASTHAN.

#### **Bhavani Electrical PVT LTD**

DESIGNATION: INSTRUMENTATION ENGINEER.  
SITE DETAILS: Raj West Power Ltd Barmer -8\*135 MW POWER PLANT. CFBC  
TENURE: AUG-2010 to APRIL-2012  
PLACE: BARMER, RAJASTHAN.

## **JOB RESPONSIBILITIES**

- **O&M, Erection and commissioning of DCS system (maxDNA & SPPA-T3000).**
- Done troubleshooting for various **DCS problems involving DPU (Distributed processing unit) malfunction, I/O card (AI, AO, DI, DO), servo modules malfunction, and network failure.**
- Logic checking for **interlock/protections & auto controls.**
- Commissioning of **Furnace Safety Supervisory system (FSSS), Master Fuel Trip, (Secondary Air Damper Control, and Fuel Ignition System).**
- Familiar with Invensys Foxboro I/A Series FCP 270 DCS.
- MFT Interlock checking
- Boiler all auto loops checking
- Erection & commissioning of **DEH, TSI & VMS (MEGGIT, BENTLY NEVADA, SINKAWA) systems.**
- Testing, maintenance and calibration of various field instruments like **Pressure, Level, DP transmitter, Limit switches, Temperature elements, Analyzers (Oxygen, Hydrogen, Opacity, Combustion), Power cylinders, Control valves, Motorized actuators, Hydraulic actuators.**
- Commissioning of **Turbine trip systems, LP & HP bypass system.**
- Commissioning instrumentation part of **TDBFP, MDBFP, FD, ID, PA FANS.**
- **Loop checking & troubleshooting** from field instrument to control panel.
- Survey of **junction boxes & field instruments** for preparation of I/O list.
- Preparation of cable schedule & electrical loop wiring diagrams.
- Sound understanding of **P&ID diagrams, signal flow diagrams, look up drawings.**
- Preparation & implementation for different checklist for instrumentation systems.
- Smart Positioner of ABB & Siemens.
- Servicing and Calibration of (I to P) in Control valves [Make: ABB, MIL].
- (Familiar with using Source meter Universal Calibrator).
- Familiar with Material cut off valves and Butterfly valve with seal.
- Servicing of Solenoids in toggle switches (two way, 3 way).
- Servicing and calibration of Dampers with read switches.
- Familiar with the usage of Highway Addressable Remote Transducer (Make: Yokogawa and Emerson).
- Familiar with the Alternator's operation and all the instruments related to Alternator like DTT(Dial Type Temperature Gauge), vibration probes, temperature scanner (Make : ACCSYS).
- Familiar in AFBC and CFBC Operation.
- Servicing and fixing of Level switches (Float and Capacitance, Magnetic type).
- Familiar with the safety system, work permits, hazardous area classifications necessary for power plants.
- Having Knowledge on various specifications, JB Schedules and Termination Details preparation, I am well conversant with P&I Diagrams, Electrical Schematics, Hookup drawings, logic Drawings

## **CAPABILITIES**

- Checking of All Field Instruments as per schedule.
- Routine maintenance of Field instrument with its operation, calibration and trouble shooting of the Equipment's.
- Handling the shift as a Master Technician.
- Modification of Equipment's if any requirements.
- Erection, Testing, Commissioning and Calibration of all types of Field Instruments that used in Thermal Power Plant like Power Cylinders, Various types of Pneumatic control valves (**MIL Control, ABB, Forbes Marshall, Siemens, Fisher, Metso, Keltron, Rotex, YTC**), Various Positioners, I/P converters, I/H converters, Position Transmitters, Primary Pressure and Temperature Transmitters, Thermocouple, RTD, Various Switches (Pressure, Level, Micro, DP), Proximity Switches, Oxygen Analyzers, CO Analyzers, Opacity Analyzers etc, also maintaining the healthy communication of all the control loops and maintain accuracy and precision of the instrument

t that is being considered in that loop.

- Calibration & maintenance of pressure, level, flow, temp transmitters (Yokogawa, Rosemount, ABB,) using HART Communicator.
- Erection, Testing and Commissioning of TCP panel Vibration sensor (probes) and speed sensor.
- Maintenance and calibration of the control valves (Pneumatic, MOV).
- Calibration and Maintenance of electrical actuators (Make-Autork, Rotork, Auma, Shanghai, SIPOS, TET) and Actuators.
- Also knowledge of Electrical equipment's like breakers, feeder panel etc.
- Knowledge of drawings like P&ID , Electrical diagrams.
- Online mill coal feeder calibration, maintenance of boiler igniter, oil gun, Flame scanner, acoustic leakage detector, SADC system, Oil skids, Burner tilt system etc.
- Knowledge of Auxiliary system such as Air Compressor-Dryer, Ash Handling system, Soot blower and their control system troubleshooting.
- Working on Siemens based SPPA-T3000 (Distributed Control System.)
- Commissioning & maintenance of field instruments in Boiler, Turbine & Generators area.
- Maintenance of Turbine Supervisory Instruments

#### **EDUCATIONAL COMPETENCE**

Degree	Branch	Institution/Board	Year
Diploma	Instrumentation NKG.	GOVT. POLYTECHNIC COLLEGE AJMER	2007-2010
CLASS XII	12TH	BOARD OF SEC EDU RAJASTHAN	2006
CLASS X	10TH	BOARD OF SEC EDU RAJASTHAN	2004

#### **PERSONAL DETAILS**

Date of Birth : 6 April 1986

Marital Status : Married

Language Known : Hindi, English.

Permanent address: Godu Lal S/O Late Ramchandra Jat, V.P.O- Deendwara, Teh.- Kishangarh,  
Dist. - Ajmer, Rajasthan 305801

#### **DECLARATION**

I hereby declare that the above furnished details provided by me are true to the best of my knowledge.

PLACE –

DATE -

**(GODU LAL)**