

CURRICULUM VITAE

Maurya Prabhunarayan Balaji
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OBJECTIVE:-

Having 15 years top performance, dedicated and professional experience in the field of Control & Instrumentation Engineering in chemical plant & power plant. Dynamic and active with an independent disposition and ability to solve problems under extreme pressure and expert in managerial skill.

Work Experience:-

- **From 26 June 2023 – Till Now**

Company	DEEPAK CHEM TECH LTD, Dahej
Designation	Sr. Executive (Instrumentation Department)
Responsibilities	Monitoring and reporting erection commissioning project activities. PR, PO, material code generation, DCS interlock checking, modification, Graphics modification, SOP, SMP Prepare commissioning report and some other one time job report and represent in front of department HOD. Deal with vender person (Commissioning engineer).
Reporting to	Sr. Manager/Instrumentation lead

- **From 11 August 2017 – 21 June 2023**

Company	NIRMA LTD, Bhavnagar
Designation	Jr. Technician (Instrument Department)
Responsibilities	Performing the functions troubleshooting and Breakdown / Preventive / Shutdown maintenance job. Responsible for design Automation & Control system involving configuration, modification, programming and integrating & testing of PLC & DCS system for better operation & safety protection.
Reporting to	Sr. Engineer/ Manager

- **From 8 Nov. 2010 – 10 August 2017**

Company	ADANI POWER LTD, Mundra (Kutch)
Designation	Supervisor (Instrumentation Department)
Responsibilities	<p>Performing the functions troubleshooting and Breakdown / Preventive / Shutdown maintenance job related to Boilers, Turbine area.</p> <p>Handling Jr. technician and contractor team. Complete loop checking of field instrument, stroke checking of control valve & mov (motor operated valve) function check of level switches, flow switches, vibration sensor, etc.</p> <p>Executed individually/team wise erection, loop checking, commissioning.</p>
Reporting to	Manager / HOD

- **From 5 Oct. 2009 – 7 July 2010**

Company	ESSAR POWER LTD, Hazira (Surat)
Designation	Technician (Instrumentation Department)
Responsibilities	Performing the functions troubleshooting and Breakdown / Preventive / Shutdown maintenance job related to Boilers, Turbine area.
Reporting to	Sr. Engineer

Technical Exposure:-

Control System

- > DCS of Emerson Rosemount Delta V
- > DCS of GE OC 4000
- > DCS of ABB (800AC M)
- > DCS of Foxboro I/A series
- > DCS of MaxDNA BHEL(Turbine)
- Work experience of troubleshooting all types of instrument problem in DCS.
- Modification of process tag in Graphic Builder, Trend, PID loop tuning etc.
- Developed different logics for different open/closed loops for field instrument to DCS.
- Graphics generation, modification Configuration of different AI/AO, DI/DO channel of instruments. Generate logics, trip interlock as per process requirement.
- FOXBORO DCS system up gradation done. New CP and Card installation and cabling done.

Field Instruments:-

I have worked on SWAS(Steam and water Analysis System) & CPU Analyzers, Pneumatic, Hydraulic & Electronic Instruments for Process Control systems Calibration & Maintenance like Various Types of:-

- Analyzer: - pH, Conductivity, GD, hydrazine, Hydrogen purity, Sodium, Dissolve Oxygen, Silica etc.
- Weigh scale like-JISL, HMT, Rice Lake etc.
- Transmitters: - Rosemount, Yokogawa, ABB, Vega, E&H, Krohne etc.
- MOV: - Rotork, Auma Germany, Auma-India, Limitork, AI/MI, Greatork, Sipos, Shanghai, CDF, Emg Drehmo, Bernard, inda, Supha etc.
- RTD/TC: - Pyro electric, Rosemount, Tempesen, Toshniwall etc.
- Switches: - Ashcroft, Dywer, Switzer, Denfoss, Indfoss, Chemtrols, Automat, Pyroelectric etc.
- Valves: - Fisher, Siemens, I/I, Mil Control, Tecnic, Pneucon etc.
- Valve positioner: - Fisher DVC2000, 5000&6000, 6010, Siemens, I/I, mil etc.
- Bentley Nevada and shinkawa Vibration sensor
- Kana & Jayshree make Zero speed switch.
- Plc: -Abb, Allen Bradley, Omron, Siemens etc.
- Calibrator: - Fluke, Druck, Nag man, Scandura_B20, Hart etc.

Job Profile:-

Deepak Chem Tech Ltd (Dahej)

I have experience of project in **BTC, BTF & NBTF, and HYDROGENATION** plan at Deepak Chem Tech Ltd, Dahej.

- Involved in the functional tests, loop tests, calibration of the field instruments and analyzed the failures related to instrumentation systems and components and recommends corrective actions to prevent re-occurrence.
- Prepare master datasheet for PM schedule; ensuring safe & efficient performing of CM.
- Identify, evaluate and develop new methods for applying significant new technologies to support the company's strategic goals.
- DCS input-output module replacement.
- I/O channel checking and replacement.
- Overall all system monitoring knowledge Log daily in the engineering logbook the activities done during duty and to turnover properly the issues and highlights to the following shift and also reporting to HOD and superior.
- Lead to the technicians in the troubleshooting corrective and breakdown maintenance and also assist whenever required.
- Supervise technician's completion of the preventive and calibration related jobs.
- Coordinating with the process department to execute all preventive day to day activities.

Nirma ltd

- I am Responsible for shutdown job & maintenance activity of various instruments in **FMCG & Chemical plant**.

Adani Power Ltd

I have experience of entire instrumentation in Power Plant of 4*330MW, 5*660MW (4620MW).

1)4*330MW Lignite/Coal fired 18-Mpa Steam pressure and 538°C temperature,1025 T/H Sub Critical PFBC Boiler controlled through GE OC 4000 DCS system.

2)5*660MW Lignite/Coal fired 21.20-Mpa Steam pressure and 571°C temperature,2100 T/H Super Critical PFBC Boiler controlled through GE OC 4000 DCS system.

Essar power ltd

I have experience of shutdown job in STG & GT Turbine.

Education Qualifications: (Total Experience 15 Years)

Examinations	College / Institute	Board / University	Passing year	Percentage / SPI
B.E. (instrumentation & control) Gold Medalist	Shantilal shah engineering collage Bhavnagar Gujarat	Gujarat Technological University	2023	9/10 SPI 8.13/10 CGPA
Diploma (instrumentation & control)	Christ polytechnic institute Rajkot Gujarat	Gujarat Technological University	2020	10/10 SPI 9.02/10 CGPA
I.T.I. Instrument Mechanic (IMCP)	I.T.I. Surat Gujarat.	NCVT	2009	77.71%
H.S.C.	Krishna School Sankul Puna Gam (Gujarat)	G.S.H.S.E.B.	2006	62.71%
S.S.C.	Sarasvati Hindi Vidyalaya(Gujarat)	G.S.E.B.	2004	70.14%

Personal Information:-

Name	Maurya Prabhunarayan Balaji
Date of Birth	5/08/1988
Marital Status	Married
Languages Known	Hindi, English, Gujarati
Address	SMC Awas Building No.54 Room No.-7 Nr. Vadod Gam (Ganesh Nagar) Udhna Main Road Pandesara GIDC Surat-394221(Gujarat)
Nationality	Indian
Adhar Card No.	4499 5865 6839

I here be ensure that all above information are correct to the best of my knowledge I will be grateful if I would give a chance to serve your esteemed organization.

Yours Faithfully

Maurya Prabhunarayan Balaji