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*RESUME*

**Shiv Charan Bhargva**

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**Career Objective:**

I intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential.

I am willing to work as a key player in challenging and creative environment, to continuously upgrade and acquire knowledge and skills to effectively use in industry.

**Experience & Educational Credentials: Total Experience 15 Yrs.+** as a Project Execution Instrumentation & Electrical Engineer for Erection & Commissioning.

❖ B.E: **Electronic Instrumentation & Control** from Rajasthan State University in Yr. 2005. India.

❖ MBA (PGDBA) Operations from Symbiosis centre of distance learning.

❖ Power Plant familiarization course from **National Power Training Institute**.

**Current Employer** : - **Toshiba Plant Systems & Services Corp. Pvt. Ltd**, Hyderabad, A.P-India.

**WORK EXPERIENCE **

1. **10.5 years (April.2010 to Till Date)**

**Role : - Sr. *Manager- Electrical & Instrumentation***

**Current** **Organisation :-** **TOSHIBA PLANT SYSTEM & SERVICES Pvt. Ltd.**

**Projects :- 1.** Presently working for 2 X 660 MW Meja Super Thermal Power Project

1. 3X800 MW Kudgi Super Thermal Power Project, NTPC.
2. 2 X 330 MW Nghi Son Phase –I Thermal power Project, Vietnam
3. **5 X 800 MW** **Tata Ultra Mega Power Project** at Mundra Gujarat.
4. **3 years (April.2007 to 30 March 2010)**

**Organisation :- ADANI POWER LTD.** 

**Project :- APL** MundraThermal Power Project 2X330 MW (Planned for 4620 MW capacity)

in Mundra ,Disst:-Kutch (Gujrat),India.

**Designation : - Sr*. Engineer– C & I***

1. **15 Months (Feb.2006 to 30 April 2007)**

**Organization :- NUCLEAR POWER CORPORATION OF INDIA LTD.** 

**Project : - Rajasthan Atomic Power Project 2 x 220 MW-U # 5&6, Rawatbhata, Rajasthan**, India.

**Designation : - Engineer *(Fixed Term)***

1. **5 Months (Aug 2005-Jan-2006)**

**Organisation :- ANALYSER INSTRUMENT & COMPANY Pvt. LTD.**  A KOTA based company

in the field of Marketing, selling & servicing of analyzers instruments.

**Designation : - Service *Engineer***

**Job Profile : -** Commissioning, Maintenance & fault diagnosis/ Troubleshooting of instruments (Analyzers)

**Overall Experience Sanpshot :-**

**Electrical & Instrumentation Execution**

Site Erection Work:- 24 VDC Charger and Battery Systems,AC & DC Bus Duct ,Excitation Transformer

& Related Panels ,DCS Panels ,Erection & testing of Motors ( LT & HT Drives ).

Erection Testing & Commissioning of SwitchGear System Panels.

Project monitoring: knowledge & skills of installing conventational & modern instrumentation, Execution

of Field Instrumentation – Junction Boxes Local Instrument Racks ,Stanchions ,Turbine & drives

instrumentation, Control Room DCS & Remote I/O & PLC panels.

Working experience in erection and fabrication of instrumentation tubing & cable Laying works

Responsible for review/development of instrument index/datasheets, loop drawings, Cable Schedules and

Termination list, Finalizing instrument location and Tubing with hookup & Isometric drawings .

Developing, monitoring & controlling Project construction schedules in power project Sites.

Supervised Calibration of all Field Instruments (Pressure switches, smart Transmitters, level instrumentation,

Control valves, Pneumatic valves, MOV ...etc).

Managing site operations by maintaining coordination with different agencies & knowledge of erection

& commissioning processes of Field Instrumentation.

**Site Coordination**

Review of contract details and DOW, Making & Updating of job schedule & its implementation and

Execution of project, Meetings with client & other agencies for key Execution dates & Implementation

of contract clauses.

Monitoring and keeping a track of record of the ongoing activates carried out by Contractors at the site.

Managing site operations by maintaining coordination with different agencies Mobilization

& distribution of manpower .Maintaining quality and safe work conditions for Sub contractors,

Team members & workers.

Job scheduling, manpower distribution, Material handling and reconciling.

Maintaining quality Inspections, work execution records & documentation.

**Testing and Comissioning**

Instrumentation Installation & Commissioning of Power Plants – Turbine & Auxiliaries and CPU.

* Erection, Commissioning & Operation of Turbine Supervisory Instruments.

Sensor Installation (TSI-BENTLY NAVADA) with DCS (TOSMAP)

& Digital Electro Hydraulic Governing System (DEHC).

* DCS installation work -Graphics designing, Hardware Installation, logics, alarm & CPU checking etc.
* DCS Operation –Main Turbine Operation, Auxiliaries Operation-PUMPS & FANS and BOP

Auto and Manual Operations by following SOPs and HZOPs.

* DCS to field instruments Loop checking, cable check, Command & feed back Checks.
* C&I commissioning – Interlock check, Logic check, Function check, Alarms & Trip Set Points Check.
* Switchgear to DCS signals commissioning, testing of drives their interlocks and Function Tests.
* Condensate polishing Plant testing & commissioning.
* Control Valves & Motorized Operated valves Testing & Commissioning.
* Thermal Power plant Start-Up and related commissioning Activities:-

Condenser Vacuum Up, Cold Clean UP and HOT Clean UP, Valve Combination Test, Steam Rolling.

* Planning for Equipment start up before and after activities & checks, measuring & monitoring parameters

Implementation of work procedures to maintain job quality.

**Operations and Mentinence**

Turbine Operation – Start Up operations,shut down operation,Routine operations

Follow up and making the operations through SOPs.

Maitaining & controlling parameters after synchronising with all Sub systems.

* Routine parameters check and Trip analysis .
* Preventive maintenance of Field Instruments and MOV’s
* Condensate Polishing Plant Operation

**Industrial Training & Presentation:**

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| HINDUSTAN COPPER LTD . KHETRI NAGAR (Rajasthan)  ( 30 Days ) | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcS6un7zp_eLhOMMla7DQ02QmMJHsp5-7UjwibmSWBOwGELlIm9Y7z81mV8 |
| BHARAT HEAVY ELECTRICALS LTD. HARIDWAR  ( 45 Days ) | **bhel_logo** |
| Power plant Familiarization Course from **National** **Power Training Institute**, Nagpur  ( 2 Months ) | http://cdn.frosher.com/wp-content/uploads/2013/07/NPTI-Faridabad.jpg |
| Basic Management Training at Ahmadabad  Management Association  ( 1 Month ) | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcTbN4Q3fhGBas2eOJP06DXaetgjgJtkq-fuI0q8Pjti_ctSajOjgQ |

**Additional Technical Skills:**

❖ Knowledge of following **DCS** Systems

* Yokogawa Centrum CS VP R5.04 DCS,
* TOSHMAP –DS
* GE OC4000 System

❖ Experience in Erection, Testing- Commissioning of

* Flow Meters, Control Valves, Pressure & Temperature Transmitters
* Switchgears & AC/DC Drives.
* PLC, SCADA & Control system packages configuration,
* Electrical related activities- Commissioning of UPS(7.5 KVA) and 24 VDC Charger system with batteries ..

❖ Familiar with EPC project working experience in

* RFQ review& BID proposal preparation for Electrical & C &I.
* Preparation of control loop & logic diagrams, Instrument Hookups,
* I/O listing for DCS and signal configuration,
* Control room and Control equipment layout, cable tray layout,
* Vendor drawings& documents review.
* Knowledge of relevant Codes, Standards & Hazardous area classification

**Personal Details**:

❖ Martial Status: Married.

❖ D.O.B: 12th July 1982.

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

**Shiv Charan Bhargva**