**DHEERESH KUMAR SHARMA** E-Mail: **dheeresh.sharma09@gmail.com**

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**Career Objective**

To attain a position of excellence in Engineering Industry and wish to work in a challenging and creative environment, with strong zeal towards achievement of goals.

**Academic Record**

* B.E. [2010] with first division from Rajiv Gandhi Technical University.
* I have completed class 12th from Madhya Pradesh board with First division in year 2006.
* I have completed class 10th from Madhya Pradesh board with 81.60% in year 2004.

**Professional Experience**

**Designation: -** Senior Engineer (Instrumentation)

**Duration: -** JUNE -2020 TO Till now

**Company: -** Jindal Poly Films Limited

**Job Description:** -

* At B C Jindal Group (JPFL) whole instrument related responsibility in poly plant 150tpd CP (Make- Polytex), 400TPD CP (Make- Aquafil), SSP (30TPD), Batch Poly plant (170TPD), coal fire heater (CFH1, CFH2, CFH3) and its utility’s.
* Familiar with Yokogawa DCS CS 1000 & 3000 programming, installation/un-installation of software, troubleshooting, maintenance, Trend creation, software backup upload/download & Configuration of Analog input/Analog output/Digital input/Digital output tag with its graphics development.
* Uploading and downloading of backup and Graphics modification in Siemens PCS-7 DCS.
* Uploading and downloading of Siemens PLC (S7-200/300/1200) program through Micro-win, Simatic manager & TIA Portal.
* Uploading and downloading of Siemens Inverter (MM430/MM440/G-120/ Sinamics DCM 6ra80 DC Drive) backup thru starter & Drive monitor.
* Job planning & distribution, preventive maintenance planning, shut down job planning, budget preparation, maintaining ISO related document, Material / spare management, SAP/SAP HANA.

**Designation: -** Assistant Manager-Instrumentation

**Duration: -** OCT 2019 to JUNE 2020

**Company: -** Amrit Cement Limited (Meghalaya)

**Job Description:** -

* At ACL Working as Assistant Manager- Instrumentation (HOD), whole responsibility related to instrument department of 12MW Power plant {AFBC Boiler capacity - 52TPH, Boiler make - Cheema, Turbine make- Triveni, and Alternator-TDPS}, Ash handling system, WTP & coal handling plant. Also assist in ACL cement plant instrumentation problem.
* Whole responsibility, attending breakdown in boiler, turbine, AVR, Coal handling unit & Ash handling system & synchronizing with grid (Using AGC panel & manual system also), boiler and turbine interlock, wood word governor, motorized valve (Auma/Rotork), Drive & compressor (Atlas Copco).
* Job distribution, Job planning, preventive and predictive maintenance planning, shut down job planning, budget preparation, Material / spare management thru SAP.

**Designation: -** Senior Engineer (control & Instrument)

**Duration: -** March 2017 to SEP-2019

**Company: -** Jindal Poly Films Limited

**Job Description:** -

* At B C Jindal Group (JPFL) whole instrument related responsibility in poly plant 150tpd CP (Make- Polytex), 400tpd CP (Make- Aquafil), Batch Poly plant, coal fire heater and its utility’s.
* Completed erection and commissioning of 400-ton Continuous polymerization (Aquafil Engineering), Erection & commissioning of Solid-state polymerization Plant (30TPD-DHP) & Barium dosing system.
* Instrument Erection, commissioning, calibration (Transmitters, Control valves, Gauges etc.), installation & mapping of radar type transmitter, radioactive level transmitter with their respective source.
* Maintaining Shift Schedule, day to day maintenance of Continuous polymerization, Batch poly, utility (MVS & Newberg Nitrogen Plant & Compressors), Coal fire heater, steam boiler, carrier chiller, HTM heater. Ensuring timely planning of spare & services (material management). Maintaining ISO 9001-2015 related documents.
* To co-ordinate field engineering in modification of existing instrument system, instrument location plan, Instrument wiring layout, Instrument wiring Diagram, Instrument connection list.
* Submission and updating of weekly report and planning Cable lying, termination & testing (Hot & cold loop testing) and also reviewing construction drawings such as location drawing, wiring layout, hookup connection, P & ID.
* Commissioning, Troubleshooting & maintenance of AC drive (Siemens-MM440/MM430/G120, Yaskawa, Danfoss, ABB) & DC drive (Siemens & LN tor).
* Calibration of various field instruments i.e., all type of Transmitters like Pressure/ Level/ Temperature/ Flow & Vacuum (make- Rosemount, Honeywell, ABB, Yokogawa, E&H), Mass flow meter, switches (Level, DP, Limit), gauges (Pressure, temperature), control valves (Forbes Marshall, Mazda, MIL, ASKA, Fisher gulde, Samson, Fisher), RTD, thermocouple, speed sensors, Temperature controller, Scanner with their respective source.
* Calibration, maintenance & Installation of belt weigher system with its load cell (make –IPA & Schenk Process).
* Troubleshooting and maintenance of cutter system and chips conveying system.

**Major Job Handle Independently:**

* Batch poly line 1 & Batch poly Line 2 demolished then analog input/ Analog output/ Digital input & Digital output tag creation done independently along with its graphics development done in Line 3 system, which are to be used in batch poly line 3.
* Batch poly Line 3 Engineering station (Yokogawa DCS CS-1000) & operating station not working so software installation done in Operating station & back up downloaded in Engineering station.
* Continuous Polymerization plant operating station (Yokogawa DCS CS-3000) not working due to its hard disk corrupted so independently installation done of software and taken in line.

**Designation:** -Engineer (Control & Instrumentation)

**Duration:** -September 2014 to February 2017

**Company:** -Vandana Global Limited

**Job Description: -**

* Working as Shift In charge in 43MW {2 nos. of AFBC (Both 90TPH, Boiler make - Chethar Vessels, Turbine make- Siemens) & WHRB Boiler (33TPH & 55TPH)}, Ash handling system & coal handling plant.
* Whole shift responsibility, attending breakdown in boiler, turbine, Coal handling unit & Ash handling system & synchronization activity with grid (Using AGC panel & manual system also).
* As per operation requirement able to create logic in DCS Yokogawa CS 3000 for turbine interlock & boiler interlock.
* Operation & maintenance of wood ward 505 governor (Digital electrohydraulic control system), Bentley Nevada / Shinkawa vibration sensor & temperature scanner used in turbine.
* Calibration and maintenance of O2 analyzer (Yokogawa, Forbes Marshall) & Electric Actuator (Auma & Rotork).
* Maintenance and troubleshooting of SOX NOX analyzer and opacity meter.
* Maintenance of ABB AC (LV drive ACS 550/ ACS 880 & MV Drive).

**Designation:** - Assistant Instrumentation Engineer (Control & Instrumentation)

**Duration:** -August 2013 to August 2014

**Company:** - B. S. Ispat Ltd. (AMTEK Group of Companies)

**Job Description**: -

* Completed Erection & commissioning of 1x25 MW (Turbine, AFBC, WHRB Boiler, Coal handling plant & ESP) Thermal Power Plant. Troubleshooting of DCS of ABB 800XA.
* Installation, operation & maintenance, Erection and commissioning of various field instruments of Boilers & Turbine such as all type of Transmitters, switches, gauges, control valves, RTD, thermocouple, vibration sensor (Bentley Nevada), speed sensors, Temperature controller, Scanner etc.
* Thoroughly study P & I Diagrams, hook up drawing and process flow diagram of system.
* Installation of DCS/PLC/RIO Panel as per the GA/Layout drawing.
* Familiar with calibration and maintenance of all kind of SMART/HART compatible and traditional field instruments.
* Calibration, maintenance & Installation of belt weigher system with load cell (make -IPA).
* Maintenance and troubleshooting of Opacity meter.
* Maintenance and troubleshooting of ash handling system and WHRB system.

**Designation: -** Assistant Engineer (Control & Instrument)

**Duration: -** September 2010 to July 2013

**Company: -** Vandana Global Limited

**Job Description: -**

* Working as Assistant Shift Engineer in 43MW {2 nos. of AFBC (Both 90TPH, Boiler make - Chethar Vessels, Turbine make- Siemens) & WHRB Boiler (33TPH & 55TPH)}, ash handling plant.
* Handle shift related problem for smooth run plant operation.
* Calibration & maintenance of FD fan damper cylinder, ID fan damper cylinder and all motorized valves.
* Maintenance and troubleshooting of Ash handling system.
* Calibration and maintenance of control valve, transmitter and gauges with their respective source.
* Daily shift maintenance to be done and also its notification completed in sap.

**Professional Course**

* I have completed Industrial Automation Training course on DCS, PLC, SCADA, HMI and Drive & Panel Designing.

**Computer Efficiency**

* Package: Microsoft Office MS Office (Word, Excel, PowerPoint), SAP System.

**Personality Traits**

* Honesty, Accountable, Sincere, Problem solving, Flexibility.
* Experience in motivating and fostering team environment.
* Good team player and have excellent interaction skill to coordinate and work within a team.
* A Keen and Quick Learner, constantly working towards increasing knowledge base.

**Key Skills**

* Distributed control system (DCS), Programmable logic controller (PLC), SCADA, Industrial automation, Control diagram, Technical drawing, Installation and troubleshooting, Manpower management, Spare Management.

**Personal Information**

Father's name: - Mr. Jagmohan Prasad Sharma

Mother's name: - Mrs. Kalawati Sharma

Date of Birth: - 08/11/1988

**Declaration**

I hereby declare that the information furnished above is true to the best of my Knowledge.

Date………. **Dheeresh Kumar Sharma**