Curriculum Vitae
Instrumentation Engineer

NISHANT

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Career Objective

I am looking for a good position in the field of instruments and automation in a prestigious company where previous skills and capabilities can be put to efficient use. I possess effective organizational skills and the ability to supervise a team and develop the final output.

Summary of Skills:

5 years of experience as an instrumentation and control systems engineer in detailed installation maintenance and commissioning of instruments and control systems in Cement Plant and power sector.
. Configuring and faults diagnosis of Weighing systems VFD, DCS, PLC, Gas Analyzers and Control Loops.

- WEIGHING SYSTEMS: Schenck process &Transweigh system weigh feeder & solid flow feeder
- VFD: ABB & Siemens
- PLC : Siemens S7 300 and Allen Bradley
- SCADA : Basic knowledge of WINCC/Siemens
- GAS ANALYZERS: ABB make EL3020 & Forbes marshall GCEM codel-40 series SOx & NOx Gas Analyzer
- Profibus & Fiber optic based network system with spur J.B & network panel
- Hydraulic Control system of Raw & Coal Mill

- Installation, calibration and loop checking of the field instruments.
- Complete instrument Installation & commissioning of GEBR pfeiffer make Raw Mill & Coal Mill system.
- Designing, Implementing and Commissioning of new control loops as per site requirements.
- Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list, flow chart
- Adept in handling of Projects & Maintenance
- Preparing master data sheet for PM schedule.
- Technical Support for the instrumentation team.
- Experienced in the field instruments and control systems procurement activities
- Spares balance investigation and inventory control for all instruments' spare parts
- Excellent communication interpersonal skills.

Educational Qualifications:

2010:- Bachelor of Electronics & Instrumentation with 80.29% from University of Kalayni, West Bengal
2004:-High School from St. Joseph School, CBSE board.
2003:-Intermediate from St. Joseph School, CBSE board.

Organizational Experience

Organization: Nirma cement Ltd, Pali, India
Duration: Sep 30th 2013 to till now
Designation: Instrumentation Engineer
Project Description: Erection & Commissioning with Nirma Ltd. Played a stellar role in erection & commissioning of 2.28 MTPA Cement plant with 4500 TPD Kiln and 30 MW Captive Power Plant.
Responsibilities:

- Area In-charge of Raw Mill , Coal Mill , Raw material Hopper section & Blending silo
- Leading a team of two instrument technicians and two helpers.

- Maintenance, Calibration & troubleshooting of Gas Analyzers.
- Reporting periodically to Maintenance Manager.
- Calibration & Troubleshooting of Weigh feeder & Solid Flow feeder.
- Maintenance & Troubleshooting of ABB make Low Voltage VFD's ABB make ACS550, ACS800, and ACS850.
- Maintenance and troubleshooting of SICK make Opacity Monitoring system.
- Maintenance and troubleshooting of Siemens Simocode Pro V & Field bus management system based on Profibus & FO cable.
- Maintenance and troubleshooting of Emerson & Hi-Rel make UPS.
- Maintenance, troubleshooting & inventory management of RTD, Thermocouple, Pressure & Level Transmitters, LVDT, Flow Transmitters, Dampers, Motion detector sensors, etc.
- Managing all concerned Instrumentation work at site and Responsible for smooth shift operations.
- Ensure Spares balance and inventory control for all VFD spare parts.
- Planning for up gradation for instruments to achieve production quality and cost minimizing.

Project Execution Handled In Cement Plant

RMH, Raw Mill, RABH & Coal Mill

Instrument installation and Commissioning of Raw Mill (MPS4750B) system & Coal Mill (MPS3350BK) System of GEBR Pfeiffer make (Both are vertical roller mill)

- Instrument installation & commissioning of Thermax supplied RABH & Coal mill Pulse jet bag filter.
- Instrument Installation & commissioning of Thyssen Krupp Supplied Coal Dosing system
- Commissioning of weighing systems of make of Schenck & Transweigh.

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Organization: BSBK group
Duration: Feb' 2011 to sep' 2013
Designation: Electrical & Instrumentation Engineer

- ***Responsibilities***: Worked as Electrical & Instrument erection and commissioning Engineer, executing ash handling system for power plants of size 150 MW to 500MW.

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Projects:

- successfully erected & commissioned Ash handling at Visakhapatnam steel plant CPP Ash Handling system & Ash Disposal system
- successfully erected & commissioned Simhapuri energy limited. 150*2 MW power plant Ash Handling System
- successfully erected & commissioned Thermax Ltd 150*2 MW power plant Ash Handling System
- successfully erected & commissioned Hinduja Power project 500*2 MW power plant Ash Handling System

IT Skills

- Operating systems: Windows XP, 7,NT, 2008 Server
- Programs: Office Tools
- Internet: Very good
- PLC Programming: Ladder Diagram
- PC Networking: Very good

Languages

English: Good; read, write and speak
Hindi: Mother tongue

Personal Details

Profile: Male, 29, Single
Current Position: Instrumentation Engineer
Current Location: Jaitaran – Pali

Declaration

I hereby declare that all information stated above is true to the best of my knowledge.
(Last Updated on march. 2016)