**ADITYA SINGH**

Lucknow, Uttar Pradesh [gaur110287singh@gmail.com](mailto:gaur110287singh@gmail.com)

Looking forward to work in an organization that offers challenging opportunities and which provides innovative work, growth & wide exposure to the latest technologies and a career, which demands the best of my professional abilities, technical and analytical skills.

Total Experience: 8 years and 6 months

Willing to relocate: Anywhere



# WORK EXPERIENCE

## Senior Engineer (Operations and Maintenance) in my department

### MP Birla Cement Pvt. Ltd., Kundanganj, Uttar Pradesh

December 2016 to Present

since December 2016 in Electrical and Instrumentation Department. Currently my position is Senior Engineer (Operations and Maintenance) in my department.

Job Responsibilities those I have and had:

\*\* Engineering, Erection and Commissioning of Allen Bradley make PLC, Wonderware HMI and SCADA Systems.

\*\* Maintenance and Operations works related to PLC, HMI and SCADA systems.

\*\* Development and modification of new project of Machine based on Siemens and Allen Bradley's make PLC, HMI and SCADA.

\*\* Operation and maintenance of Electronic Roto-Packer

\*\* Preventive maintenance, Breakdown maintenance of production related machines like Cement mill drives, Compressor motors, Actuators, Pneumatic gates, Solenoid Valves, Proximity switches, Pull Cord Switch, Belt sway switch, Conveyor belt drives, Roto-Packer.

\*\* Operation and maintenance of HT & LT motors, HV & MV VFDs, Emergency Diesel Generators, Grounding systems, Power and Distribution transformers, Electrical panels (HV & MV), Substations, Protection Relays, Distribution System Cabling, Lighting, Earthing and Lightning System, EOT Cranes

\*\* Maintain and manage spares of Electrical and Instrumentation.

\*\* Field instrumentation and electrical system training to new Engineers and colleagues Products Handled:

\*\* Allen Bradley make PLC SLC, Micro Logix and Control Logix.

\*\* Allen Bradley make PLC Programming software- RSLogix 500 and RSLogix 5000.

\*\* Wonderware make HMI development software

\*\* Simocode Pro based intelligent motor control system.

\*\* Festo, Rotex make pneumatic valve.

\*\* Vickers make Hydraulic solenoid valve

\*\* Rotex make actuators.

\*\* Auma make motorized actuator gates.

\*\* Proximity switches, limit switches, level controller, pressure switches, belt sway switch and pull cord switches.

\*\* HT & LT motors, MV VFDs, Emergency Diesel Generators, Grounding systems, Power and Distribution transformers, Electrical panels (HV & MV), Substations, Protection Relays, Distribution System Cabling, Lighting, Earthing and Lightning System, EOT Cranes

\*\* My handled project are:

\*\* PLC upgradation from OPTO 22 to Allen Bradley (FBD and ladder logic based programming).

\*\* Conventional lights upgradation to LED lights thus resulting in power saving.

\*\* Logic development and implementation of Dust suppression through cold fog system using RO water for wagon tippler

## Instrumentation Engineer

**Saurashtra Cement Ltd** - Ranavav, Gujarat August 2012 to December 2016



# EDUCATION

## H. S.C

**ISC** - Delhi, Delhi March 2005

## B Tech in Electronics & Communication

### Shri Ramswaroop College of Engineering & Management, Lucknow



**SKILLS / IT SKILLS**

* **instrumentation**