

RAHUL GHOSAL

Address: 70 Nainan Para Lane "Shiba Twin" Flat No B-5 P.O.- Baranagar P.S.-Baranagar, West Bengal Kolkata – 700036 **Contact No.:** +91 9051042037, **E-Mail:** ghosalrahulrg@gmail.com

PROFILE SNAPSHOT

- ✦ **B. Tech** with **8 years** of experience in Field Instrumentation & Control, Plant Operations & Maintenance, Commissioning, Project Coordination and Installation.
- ✦ Currently associated with "**HINDUSTAN NATIONAL GLASS & INDUSTRIES LTD.**", Rishra, West Bengal as a **Shift Engineer (Instrumentation)**.
- ✦ Previously associated with "**SHYAM SEL and POWER LTD.**", Jamuria, West Bengal as an **Assistant Engineer** also a **Graduate Engineer Trainee**.
- ✦ Exposure in managing assignments via erection, installation, commissioning, troubleshooting and maintenance of all the instruments in Steel Plant & Glass Plant.
- ✦ Instrumental in carrying out activities pertaining to Instrumentation & Control in the Steel Plant & Glass Plant.
- ✦ Abilities in handling maintenance operations for reducing breakdown / downtime and enhancing operational effectiveness of equipment. (Steel Plant & Glass Plant).
- ✦ Preparation of IO List, IO Finalisation, IO allocation in modules, IO modifications, Loop testing of DCS.
- ✦ Sound communicator with good analytical, problem solving & organizational abilities.
- ✦ Various PLC Programming via **Ladder Logic** in **Siemens, Allen-Bradley, Mitsubishi** and **Schneider Electric** PLC.
- ✦ Two Pellet Plant of 0.6 MTPA (Both) commissioning has been done in **Shyam SEL & Power Ltd.**

AREAS OF EXPERTISE

<i>Operations & Maintenance</i>	<i>Instrumentation & Control</i>	<i>Installation & Commissioning</i>
<i>Troubleshooting</i>	<i>Engineering</i>	<i>Project Coordination</i>

CAREER CONTOUR

Since January 2013 Shyam SEL and Power Ltd. Jamuria, West Bengal

- January 2013 to January 2014 Graduate Engineering Trainee
- January 2014 to June 2015 Assistant Engineer

Since June 2015 Hindustan National Glass & Industries Ltd. Rishra, West Bengal

- June 2015 to till now Shift Engineer (Instrumentation)

Responsibilities: Challenging assignments in Instrumentation & Control/ Plant Operations & Maintenance / Project Coordination with an organization, reservation the proper equipments, maintaining shift log book at daily basis and communicating with seniors regularly.

Project:-

- ✦ I/O list, Termination Schedule, Cable Route & Glanding Schedule, Loop testing for DCS (ABB ACS 800xA).
- ✦ Erection and Installation of DCS, PLCs, HMI.

- ✍ Routing of Instrument air line, service air line and indenting the materials for the same.
- ✍ Field Instruments cable routing, JB positioning, cable tray routing from JB, MCC to DCS.
- ✍ Studying, Reviewing P&ID's and following up the job with vendor to meet the targets.
- ✍ Commissioning, Job scheduling, following up the instrumentation activities, documentation & indent works for Steel Plant Project (Pellet & Beneficiation).

Commissioning, Operation & Maintenance:-

- ✍ Transmitter – Pressure, Magnetic Flow, Ultrasonic Level, Temperature.
- ✍ Control Valves, Solenoid valve, Auto Drain Valves, Pneumatic Ash Handling Systems.
- ✍ Switch & Sensor- Pressure, Limit, Float, Flow, Proximity Sensor, Photocell.
- ✍ RTD, Thermocouple, Temperature Controller.
- ✍ Commissioning and Maintenance and Modification of Filter Press (Bright).
- ✍ Weigh Feeders, Belt Conveyers, LIWs (Transweigh, Schenk Process).
- ✍ Gauge – Pressure, Temperature.
- ✍ Siemens, ABB, Danfoss VFDs
- ✍ Packing Machines, Cold end coating spray machine

ACADEMIC CREDENTIALS

- ✍ B.Tech in IT from Murshidabad College of Engineering and Technology, affiliated to West Bengal University of Technology, West Bengal with CGPA-6.97 in the year 2011.
- ✍ 12th from B.T. Road Govt. Sponsd. High School, affiliated to WBCHSE with 57.60% marks in the year 2007.
- ✍ 10th from Baranagar Ramakrishna Mission Ashrama High School, affiliated to WBBSE with 80% marks in the year 2005.

SOFT SKILLS

SAP, Microsoft Excel, Microsoft Office, Operating System Environment: Windows 7, 8, 8.1, Vista, XP

PERSONAL INFORMATION

Date of Birth:	10 th December, 1988
Languages Known:	English, Hindi, Bengali
Height:	6 ft
Sex:	Male
Marital Status:	Married
Religion:	Hinduism
Nationality:	Indian
Hobbies:	Playing Guitar, Listening Music.

DECLARATION

I hereby declare that the above mentioned particulars are true to the best of my knowledge and belief.

Date: 08^h January 2021

RAHUL GHOSAL