

CURRICULUM VITAE Of

Md. Sohel Rana

Engineer, Samuda Chemical Complex Ltd.

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Career Objectives

To build a challenging career in the engineering industry by utilizing my engineering knowledge, operational experience, and problem-solving skills to ensure efficient and safe production processes and contribute to organizational growth.

Professional Summary

Power Plant Engineer with hands-on experience in Wärtsilä gas engine power plants, skilled in engine operation, generator synchronization, load management, alarm troubleshooting, KPI monitoring, and safety compliance. Experienced in shift duty operation, preventive maintenance coordination, and ensuring plant availability and efficiency as per contractual and operational targets.

Core Competencies

- Power plant operation & shift management.
- Wärtsilä and MWM gas engine operation (Engine, Auxiliaries).
- Generator synchronization and load sharing.
- Cooling water, lube oil and fuel gas system.
- Alarm handling, trip analysis and root cause identification.
- Preventive and breakdown maintenance support.
- SCADA / DCS monitoring.

Professional Experience

- Engineer / Operation Engineer at Samuda Chemical Complex Limited, Gazaria, Munshiganj.
Duration: 22 February, 2024 to Present

Key Responsibilities

- Operate and monitor Wärtsilä gas engines and generators during shift duty.
- Perform safe engine start/stop, synchronization, and load transfer.
- Maintain engine-operating parameters within standard limits.
- Identify alarms, trips, and abnormal conditions and take corrective actions.
- Coordinate with electrical and mechanical maintenance teams.
- Monitor auxiliary systems (CW, LO, fuel gas, compressed air).
- Prepare daily operation reports, log sheets, and shift handover notes.
- Support outage activities and emergency breakdown recovery.

Achievements

- Improved generator availability through timely alarm response.
- Reduced forced outage incidents by proactive monitoring.
- Maintained smooth load sharing and stable plant operation.

Educational Qualification

<i>Degree</i>	<i>Department</i>	<i>CGPA/GPA</i>	<i>Institution</i>	<i>Passing Year</i>
B.Sc. Engineering	EEE	3.46 (out of 4.00)	Pabna University of Science and Technology, Pabna.	2022
HSC	Science	4.10 (out of 5.00)	Veoil High School and College, Sapahar, Naogaon.	2012
Dakhil	Science	5.00 (out of 5.00)	Senpur Arenda Dakhil Madrasah, Sapahar, Naogaon.	2010

Technical Knowledge

- Diesel/Gas generator systems.
- MCC, switchgear and protection relays.
- Electrical panels and field instruments.
- Basic troubleshooting of SCADA Signals.

Computer Skills

- MS Word, Excel, PowerPoint.
- Daily log sheet & KPI report preparation.
- Basic data analysis using excel.

Personal Information

Name	Md. Sohel Rana
Father's Name	Md. Abdul Kader
Mother's Name	Parvin Akter
Date of Birth	23 rd April 1995
Nationality	Bangladeshi
Blood Group	O-positive (O+)
Marital Status	Married
Sex	Male
Religion	Islam
Present Address	Vill: Jamaldi, PO: Hosendi, PS: Gazaria , Dist: Munshiganj.
Permanent Address	Vill: Arenda, PO: Goala, PS: Sapahar, Dist: Naogaon.

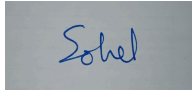
References

Md. Galib Hasan.
Associate Professor, Department of EEE,
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Dr. Md. Ashraful Alam.
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Rajshahi University of Engineering and
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Relation : Uncle.

Declaration

I hereby declare that the information stated above is true and correct to the best of my knowledge and belief.



Md. Sohel Rana