

- **First Name: Md Kalam**
- **Last Name: Khan**
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- **+8801737476436**
- Asia Pacific Field Service Team-3
- SE GS AP SO FST SEA3
- Job Family: Engineering
- Experience Level: Experienced Professional
- Country: Bangladesh
- Fact Finder and Mechanical Commissioning Engineer



- ❖ **Total experience 14 Years with three companies**
- ❖ **In Siemens Energy 7 Years**

Summary: Gas Turbine Fact Finder & Commissioning Engineer supports installation, commissioning, troubleshooting, and testing of gas turbines and auxiliary systems to ensure operational readiness, safety, and compliance with specifications. Provides expert technical guidance and documentation throughout project execution

Objective: Looking for a new opportunity to expedite professional development and career growth as well. I have solid experience (CCPP) to work effectively in a dynamic and challenging environment to energize the society.

EDUCATION:

- BSc. in Mechanical Engineering, Bangladesh.
- Diploma in Power Engineering, Bangladesh.

Name of the company: Siemens Energy Bangladesh Limited.

Designation : Gas Turbine Fact Finder & Mechanical Commissioning Engineer

Duration : October -2019 to till now

Responsibilities: Siemens Energy Gas turbine 8000H, 4000F (9.1)H also and 2000E, Fact Finding and Commissioning.

- Fact Finding during gas turbine minor and major overhauling.
- Gas Turbine commissioning.
- EPC erection and installation of CCPP.
- SPPA T3000 and GT Operation expert.
- GT components finding analysis and taking corrective measures during outages.
- Troubleshooting and taking corrective measures.
- Borescope inspection and ER critical inspections of GT.
- Engineering request implementation onsite.

- Root cause analysis (RCA) of compressor and turbine damage.
- Team management.
- Outage preparation and execution on time.
- Customer meeting regarding daily work status.
- Report writing.
- Customer Training.
- LTSA communication with customers.
- Customer support during Covid-19 pandemic and rewarded as a Covid-19 Hero.

Generator Activities:

- Hydrogen and water cool generators inspection.
- Excitor and Turbine bearings inspection.
- Stator and rotor Borescope inspection.
- Generator fact finding (OJT)

Siemens Steam Turbine Activities:

- ST blades borescope inspection.
- ST valves stroke check.
- ST bearings inspection.
- ST fact finding (OJT).

Certificates:

- Gas turbine fact finding
- Gas turbine commissioning
- GT vibration analysis
- GT borescope inspection
- Power plants CCPP turbines
- Basic knowledge about CCPP construction
- EHS trainings
- GT components
- Team Management
- Heavy lifting and signal training
- Firefighting training
- First aid and CPR training

❖ Country visited in SE projects:

Bangladesh, India, Singapore, China, and South Korea.

Name of the company: NEPC Consortium Power Limited (Covanta). A 110 MW Barge Mounted Power Plant of Pendekar Energy. Wartsila Engine 18v46GD HFO.

Location: Siddhirgonj, Narayangonj.

Designation : Engineer (Mechanical)
Duration : March -2018 to August-2019

Responsibilities and duties of HFO plant: -

- Major and minor overhauling of Wartsila 18V46 GD engine.
- Intercooler and cylinder head leakage test and repairing.
- Cylinder head overhauling.
- Lube oil and fuel pump overhauling.
- Fuel injector test.
- Turbocharger overhauling.
- Alternator poles remove to repairing.
- Different types of valves repairing.
- HFO and LFO Separator Work.
- Exhaust gas boiler tube leakage repair.
- All types of maintenance work of the plant.

Name of the company : Clarke Energy Bangladesh Limited.

Head Office- Laila tower, 12th floor. Gulshan -1. Dhaka-1212.

Designation : **Asst. Maintenance Engineer**

Duration : March 2012 to February 2018

Responsibilities & Duties: GE Jenbacher Gas Engine Install, Maintenance, and servicing.

- GE jenbacher engine major overhauling minor overhauling and top overhauling.
- Trouble shooting and schedule maintenance.
- Magnetic particle Inspection (MPI) and Dye penetrant inspection (DPT) for finding crack on the cylinder head, connecting rod and crankshaft.
- Mechanical gear type jacket water pump and lube oil pump overhauling.
- Alternator stator and rotor assembly and disassembly, coupling between alternator and engine.
- Cylinder head, intercooler, and oil cooler hydraulic pressure test to find out leakage.
- Hydraulic cylinder, pump and hydraulic machine repairing.
- Spare parts pre-delivery inspection (PDI) for major overhauling and finally checking and taking measurement before using.
- Crankshaft and connecting rod alignment test (Deflection and bending twisting test).
- Gear train disassembles and assembles.

AREA OF EXPERTIES:

Leadership, Problem solving, Critical thinking, Creativity, Risk Management & Compliance, Teamwork, Project Management, negotiation skill, Excellent Communication, Trouble shooting. MS Office, Cost Control, Team building.

LANGUAGE:

- Bangla
Full professional proficiency
- English
Full professional proficiency
- Hindi and Urdu

Limited working proficiency (Spoken only)

PERSONAL INFORMATION

Father	Md Montaj Ali Khan	Mother	Most Jabeda Begum
Spouse	Kazi Kayanat Keya	Date of Birth	26/03/1991
Passport	B00577856	NID	19912724309000015
Hight + Weight	6 Feet + 88 KG	Blood group	B+
Permanent address	Nurjahanpur, Ghoraghat, Dinajpur, Country is Bangladesh		
Emergency Contact	Siraj Khan (Brother), Nurjahanpur, Ghoraghat, Dinajpur, Bangladesh-5291, +8801725245646		
Reference 1	Maik Gburek, Outage Manager, SE Germany Malaysia, +60123314637		
Reference 2	Rifat Mokh, Outage Manager, Siemens Energy Dubai, +971552001728		

I hereby declare that all information provided here is true according to the best of my knowledge.

5th DEC 2025

Md Kalam Khan / Date