

# Curriculum Vitae.

## MD. Hasan Morshed.

Permanent Address:

Kismot Nowapara, New Town, Sadar, Jashore-7401.

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Mobile Number: 01723319756.



## Career Summary:

I have completed my graduation on Mechanical Engineering from Rajshahi University of Engineering & technology. Now, I am Working as a Deputy Engineer (Mechanical) in Wartsila Bangladesh Limited. As a mechanical Engineer, I have around 6.5 years working experience in large capacity engine-based power plants in projects, warranty & maintenance departments. I worked as an installation & commissioning engineer in United Payra 150 MW power plant (Engine: 8×18V50B2 + 1×20V32); Desh Energy Chandpur 200 MW Power Plant (Engine: 12×18V50B2) & Samuda power-III project (Engine: 1×20V34SG). Worked as a warranty engineer where I was handling warranty activities with warranty supervisor over 1800 MW capacities of different Wartsila engine installations. I have performed major scheduled & unscheduled maintenance jobs in different Gas & HFO based Wartsila & Rolls-Royce engines. I have completed some training also like PPTCE (power plant technology for commissioning engineers); Wartsila Values & code of conduct; QEHS 45001; GDPR (General data protection Regulation); Fire & safety etc.

## Personal Details:

Name : MD. Hasan Morshed.  
Father's Name : MD. Mafidul Islam.  
Mother's Name : Taslima Khatun.  
Permanent Address : Kismot Nowapara, New Town, Sadar, Jashore-7401  
Mailing Address : Kismot Nowapara, New Town, Sadar, Jashore-7401  
Contact Number : 01723319756; 01558506601  
National Id No. : 552 310 5517  
Date of Birth : 28-05-1990

## Educational Qualification:

Name of the Examination.	Board/ University	Group/ Subject	Passing Year	Division/Class/CGPA
S.S.C	Jashore Board	Science	2005	GPA 5 (out of 5)
H.S.C	Jashore Board	Science	2007	GPA 5 (out of 5).
B.Sc	RUET	Mechanical Engineering	2014	CGPA 3.29 (out of 4).

Professional Qualification & Membership: N/A.

### Experience Details:

Total Years of Experience: 6.5 Years.

### Employment-01:

Current Company: Wartsila Bangladesh Limited.

Current Designation: Deputy Engineer (Mechanical Service).

Duration: From 8<sup>th</sup> November 2016 to Continue.

### Summary of Experience:

1. Worked as a mechanical installation & commissioning Engineer in Desh Energy chandpur 200 MW project; United Payra 150 MW project & Samuda Power-III project. Engine type W18V50B2 & W20V34SG.
2. Worked as warranty engineer at WBD Dhaka office. Use SAP tools, Process warranty claims, communicate with Finland technical service & warranty supervisor on different engine related critical issues, perform warranty modification related jobs, maintain regular communication with customers & receive their feedback.
3. Worked on counterweight & Exhaust Silencer modification jobs.
4. Worked in major scheduled, unscheduled & trouble shooting related jobs in W32, W34, W46 & W50 Engines.
5. Worked in crankshaft replacement job in W32 type engine.
6. Worked in Napier turbo charger scheduled & modification related jobs.
7. Worked in Wartsila Bangladesh Expertise centre also.

### Employment-02:

Company Name: Energypac Power Generation Limited.

Designation: Plant Engineer (Mechanical).

Duration: From 10<sup>th</sup> September 2015 to 7<sup>th</sup> November 2016.

### Summary of Experiences:

1. Worked in major scheduled & unscheduled maintenance of Rolls-Royce B32:40V16AH-2CD type engines.
2. Worked on scheduled & Unscheduled jobs on Lube oil & fuel oil separator.
3. Worked on scheduled & unscheduled jobs on starting air compressor.
4. Performed daily maintenance jobs.
5. Maintain spare parts list & give requisition accordingly.

### Employment-03:

Company Name: United Power Generation & Distribution Company Limited.

Designation: Assistant Engineer (Mechanical).

Duration: From 1<sup>st</sup> April 2014 to 9<sup>th</sup> September 2015.

### Summary of Experiences:

Wartsila Engine:

1. Worked on Scheduled & unscheduled maintenance of Wartsila (20V34SG) engine.
2. Performed up to 32000 hrs. Schedule maintenance including 2000hrs, 4000hrs, 8000hrs & 12000hrs.
3. Cylinder head, Linear, Charge air cooler, HT & LT water pump servicing.
4. Metallic filter, Centrifugal filter, Automatic filter, Charge air filter, Alternator filter, Lube oil cooler replace and cleaning.

5. Alternator oil, Compressor oil, Metallic filter oil, engine lube oil change.
6. Taken Tappet clearance, Cylinder tightness test, Pressure test.
7. Pr-combustion chamber servicing, Spark plug change.

#### Rolls-Royce Engine:

1. Worked in Scheduled & unscheduled maintenance of Rolls-Royce (B35:40V20AG2) engine.
2. Performed Schedule maintenance up to 8000hrs. including 1000hrs, 2000hrs & 4000hrs under Indian vendors supervising.
3. Cylinder head, Charge air cooler, HT & LT pump, Turning gear motor servicing.
4. Alternator oil, Metallic filter oil, engine lube oil, Governor oil change.
5. Taken part for unscheduled maintenance jobs with Indian & Norway experts.

#### MTU Engine:

1. Schedule & unscheduled maintenance of MTU (20 V4000L62) engine.
2. Perform Schedule maintenance up to 16000hrs. including 1000hrs, 2000hrs, 4000hrs & 8000hrs. with Energypac service team.
3. Cylinder head, Charge air cooler, HT & LT pump servicing.
4. Taken part for unscheduled maintenance with Energypac service team.

#### Common Work:

1. Schedule & Unscheduled maintenance of Start air & instrument air compressor.
2. Radiator, ventilation filter cleaning.

#### Trainings:

- PPTCE (Power Plant technology for commissioning Engineers); Wartsila Values & Code of conduct; QEHS 45001; GDPR (General Data Protection Regulation); Zero Injury Training; fire & safety training etc.

#### References:

	<u>Reference: 01</u>	<u>Reference: 02</u>
Name	: Prof. Dr. Md. Emdadul Hoque	Prof. Dr. Md Shamimur Rahman
Organization	: RUET	RUET
Designation	: PROFESSOR	PROFESSOR
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Relation	: Academic	Academic

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



(MD. Hasan Morshed).