

# MUHAMMAD AZEEM

## Marine Technician

Address: HAFIZABAD, PUNJAB, PAKISTAN

Tel: +923034754263

Email:azeemasghar809@gmail.com

## PROFILE

Experienced Marine Vessel Maintenance Technician with five years of dedicated expertise in maintaining boat engines and controls, including operating and maintaining petrol-driven Volvo Penta boats. Expert in regular motor maintenance, uptime tracking, and thorough cleaning after trips. Diligently ensures cleanliness and functionality of boats and regularly inspects motors, electrical systems, and generators at port facilities. Skilled in preparing detailed reports on cargo condition and suitability of ports. Able to perform assigned tasks under the direction of engineering affairs and maintenance leadership.

## PROFESSIONAL EXPERIENCE

### Pakistan Navy

#### Pakistan Navy ship KARSANZ

Boat Maintenance | October 2020 – Present

- Displayed high degree of professionalism in imparting technical work.
- Proficient in diagnosing, repairing, and overhauling a variety of boat engines, including:
  - Yamaha 40hp 2-stroke petrol engine
  - Suzuki 40hp Outboard Motor (OBM) engine
  - Outboard Yanmar Dtorque 111 – 50 hp
  - Honda BF150 and Honda BF250
- Skilled in performing routine maintenance tasks such as engine servicing, hull cleaning, and troubleshooting.
- Proficient in utilizing various cleaning methods and products tailored to different boat surfaces, including fiberglass, wood, metal, and glass reinforced plastic (GRP).
- Skilled in disassembling, inspecting, and rebuilding engine components such as cylinders, pistons, crankshafts, and camshafts.
- Experienced in troubleshooting fuel delivery systems and cooling systems to ensure optimal engine performance and reliability.
- Familiar with manufacturer specifications and service manuals to ensure compliance with warranty requirements and industry standards during engine overhauls.
- Performed thorough cleaning of boat engines and controls after each trip to maintain optimal functionality and longevity.
- Utilised specialized cleaning agents and tools to remove debris, salt residue, and other contaminants from engine components.
- Ensured cleanliness of engine compartments and surrounding areas to prevent buildup of dirt and grime, which can impact performance and safety.
- Strong communication skills, able to effectively communicate with boat owners, fellow technicians, and suppliers to coordinate repair efforts and provide exceptional customer service.
- Diligently adhere to safety regulations and protocols, ensuring the safety of passengers and crew.
- Have the capabilities to complete the assigned task in time.
- Conducted an exemplary manner throughout the service.

The jobs on which he actually performed his duties in Marine Engineering School At PNS KARSANZ are as following:

- Diesel Generator (12 YJCAZ pacman Ventrua) 750 KW
- Yamaha 40hp 2-stroke petrol engine
- Suzuki 40hp Outboard Motor (OBM) engine
- Auxiliary Boiler (Stone vapour Steam Generator)
- Distilling Plant (LMXRS)
- High Pressure Air Compressor (4000 PSI)
- Refrigeration Plant
- Air Conditioning Plants (50 Ton)
- Chilled Water Plant
- Served onboard with dedication, devotion and enthusiasm.
- Performed various duties to the entire satisfaction of his superior.

### Pakistan Navy Ship ZULFIQUAR (Sword class F-22P)

Marine Technician | March 2019 – October 2020

- Experienced in operating and maintaining petrol driven Vlovo penta MST 620 Boat.
- Maintained and operated petrol engines inboard and outboard throughout my service.
- Served onboard the Pakistan Navy Ship ZULFIQUAR (sword class F-22P) for 01 year and 06 months.
- Knowledgeable in using specialized tools and equipment, such as compression testers, timing lights, and torque wrenches, to accurately assess and repair engine issues.
- Proven ability to work efficiently under pressure and adhere to tight deadlines while maintaining a high level of attention to detail and quality craftsmanship.
- Committed to staying updated on the latest advancements in marine engine technology and participating in ongoing training and professional development opportunities.
- Demonstrated remarkable professionalism, administration skills, and self-discipline.
- Maintained very good conduct throughout the service.
- served issues in maintenance logs or reports to track maintenance history and inform future servicing needs.
- Collaborated with maintenance leadership to prioritize cleaning tasks and coordinate with other maintenance activities for efficient operations.
- Exhibited a highly responsible and sincere attitude towards service.

#### Possesses knowledge and experience in the operation/maintenance of the following systems/machinery:

- |   |                               |
|---|-------------------------------|
| ➤ 8V 396TE 54 Diesel Generator (MTU Germany).                         | POWER 560 KW                  |
| ➤ Sea Water Desalination (s) plant (Rochem RO plant Hamberg).         | 1020 DTS 65 Bar 15 Ton/24 Hrs |
| ➤ Chilled Water Plant (Bronswerk Marine Canada).                      | Capacity 85 Ton               |
| ➤ Refrigeration Plant ( Bronswerk Marine Canada).                     | Capacity 02 Ton               |
| ➤ High Pressure Air Compressor (WP 5500 JP Germany).                  | Capacity 20 MP                |
| ➤ Volvo penta MST 620 boat  | RHIB                          |
| ➤ Oil Water Separator (Jiangsu Nanji Machinery China).                | ZXF (NH-05)                   |
| ➤ Lub Oil Separator MOPX 207 Alfa Laval Marine & Tower Sweden.        | Capacity 9300 Ltr/Hrs         |
| • Known for dedication, organization skills, and a strong work ethic. |                               |
| • Maintains cordial relationships with subordinates.                  |                               |

### Pakistan Navy Ship ZULFIQUAR (Sword class F-22P)

Fire Fighting and & Damage Control

#### Led the professional strategy to expand proficiency in my skills.

- Served onboard the Pakistan Navy Ship ZULFIQUAR (sword class F-22P) for 01 year and 06 months.
- Throughout the specified timeframe, exceptional performance was consistently demonstrated, marked by unwavering dedication and a service-oriented attitude.

#### He gained significant knowledge in the following areas:

- Damage Control and Fire Fighting System.

- Damage Control and Fire Fighting Equipment.
- First Aid Assistance and Techniques.

**Specifically, responsible for assisting in the maintenance of firefighting and damage control equipment, which included:**

- Proficient in the operation and maintenance of firefighting equipment, including Portable CO2 02kg, AFFF 09 liters, and DCP 02 kg extinguishers.
- Experienced in AFFF foam drenching system and Fixed CO2 drenching system.
- Fixed & Manual Spray System
- Skilled in Fire main system and fire hydrant operation.
- Competent in the use of extended duration breathing apparatus (EDBA).
- Emergency Escape Breathing Device (EEBD)
- Magazine Fire Fighting System
- Served in the Pakistan Navy, consistently performing duties to the satisfaction of superiors.
- Possesses strong moral values and is known for trustworthiness and reliability.

## **SKILLS & EXPERTISE**

- Marine Engineering
- Damage Control and Fire Fighting
- Maintenance Management
- Leadership
- Professionalism
- Administration Skills
- Self-Discipline
- Cleaning of Motors and Engines
- First Aid and Medical Assistance
- Technical Proficiency
- Problem-Solving Abilities

## **EDUCATION & COURSES**

- DAE MECHANICAL
- INTERMEDIATE

## **LANGUAGES**

- **URDU** (Native)
- **ENGLISH** (Fluent)





## PAKISTAN NAVY SHIP KARSAZ

### Experience Certificate

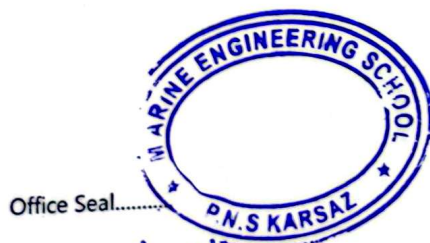
1. It is certified that **Muhammad Azeem** MEM-1 (Marine Engineering Mechanical) has served in Pakistan Navy for a period of 06 years and 03 months since APRIL 2017 till date. He possesses high degree of professional ability and knowledge. He accepts all the assigned tasks cheerfully and produces positive results. He has served in different ships and units of Pakistan Navy as a skilled Marine technician and displayed high degree of professionalism in maintenance and operation of boats and engines. He demonstrated expertise in the maintenance of various engines, including:
  - Yamaha 40hp 2-stroke petrol engine
  - Suzuki 40hp Outboard Motor (OBM) engine
2. During this time, **Muhammad Azeem** exhibited proficiency in imparting technical work and he actually performed his duties on following:
  - Diagnosing and resolving technical issues with Yamaha and Suzuki 40hp engines.
  - Conducting repairs on starting systems to ensure reliable engine performance.
  - Performed comprehensive overhaul of marine engines, ensuring optimal functionality, reliability, and adherence to manufacturer specifications.
  - Adjusting gear ratios and shaft lengths to optimize engine functionality.
  - Monitoring and maintaining proper lubrication and fuel levels for engine efficiency.
  - Identifying and rectifying issues with trim and tilt mechanisms for seamless operation
  - Performing thorough cleaning of boat engines and controls after each trip to maintain optimal functionality and longevity.
  - Ensuring cleanliness of engine compartments and surrounding areas to prevent buildup of dirt and grime, which can impact performance and safety.
3. Muhammad Azeem consistently demonstrated exceptional skill and dedication during his tenure in the Pakistan Navy. His expertise in marine engine maintenance exemplifies a commitment to excellence. We commend Muhammad Azeem for their outstanding service and wish them continued success.

NAWAZISH ALI

S/Lt Pakistan Navy

Marine Engineering Officer

PNS KARSAZ



Office Seal.....

Date: 22/07/23



CamScanner



Marine Engineering School  
PNS KARSAZ  
Shara-e-Faisal  
Karachi

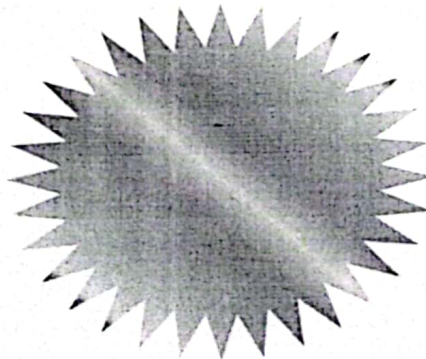
## EXPERIENCE CERTIFICATE

1. This is certified that O No 2170268 MUHAMMAD AZEEM Marine Engineering Mechanic of Pakistan Navy has served at PNS KARSAZ for a period of 03 years. He displayed high degree of professionalism in imparting technical work and has the capabilities to complete the assigned task in time. He has a good knowledge of **DAMAGE CONTROL AND FIRE FIGHTING**.

2. He conducted himself in an exemplary manner through his service. The jobs on which he actually performed his duties in Marine Engineering School at PNS KARSAZ are as following:

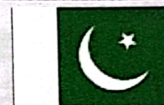
- a. Diesel Generator (12 YJCAZ Paxman Ventural) 750 KW.
- b. Auxiliary Boiler (Stone Vapour Steam Generator).
- c. Distilling Plant (LMXRS).
- d. High Pressure Air Compressor.(4000 PSI)
- e. Refrigeration Plant.
- f. Air Conditioning Plants (50 Ton).
- g. Chilled Water Plant.

3. I wish him good luck and all the success in his further life.



SHAKEEL AKBAR  
Commander PN  
Training Commander (ME)



S No: ZUL/530/20/2170268

# PAKISTAN NAVY SHIP ZULFIQAR

## EXPERIENCE CERTIFICATE

1. It is certified that O NO 2170268 Name MUHAMMAD AZEEM RATEMEM(M)-(Marine Engineering) has served onboard **PNS ZULFIQAR** with dedication, devotion and enthusiasm since MARCH 2019 to SEP 2020. During this period, he has performed various duties to the entire satisfaction of his superior. During his stay on board, he performed the duties Auxiliary Watch Keeper he has been deployed on duties of Auxiliary Watch Keeper on under mentioned systems

2. He has good experience for using of under mentioned control system F22P Ship

- 8V 396TE 54 Diesel Generator(MTU Germany)
- Sea water Desalination (s) plant (Rochem RO Plant Hamberg)
- Chilled Water Plant ( Bronswerk Marine Canada)
- Refrigeration plant ( Bronswerk Marine Canada)
- High Pressure Air Compressor (WP 5500 JP Germany)
- Vlovo Renta MST 620 Boat.
- Oil Water Separator (Jiangsu Nanji Machinery China)
- Lub Oil Separator MOPX 207 Alfa Laval Marine & Tower Sweden

POWER 560 KW  
1020 DTS 65 Bar 15 Ton/24 Hrs  
Capacity 85 Ton  
Capacity 02 Ton  
Capacity 20 MP  
RHIB  
ZXF(NH-05)  
Capacity 9300 Ltr/Hrs

3. He has good moral character and strong will to pursue his target and zeal to work. He is resourceful, tactful, corporate and possessive. I wish him success and achievements in his future career.



Office Seal :



HAN UR REHMAN  
Pakistani  
Marine Engineering Officer  
ZULFIQAR

Marine Engineering Officer





S No: ZUL/530/20/2170268



# PAKISTAN NAVY SHIP ZULFIQUAR

## EXPERIENCE CERTIFICATE

### SAFETY & FIRE FIGHTING SKILLS

1. It is certified that O NO 2170268 Name MUHAMMAD AZEEM RANK MEM(M)-I (Marine Engineering) has served onboard **PNS ZULFIQUAR** with dedication, devotion and enthusiasm since MARCH 2019 to SEP 2020. During this period, he has performed various duties to the entire satisfaction of his superior.
2. He has good experience for using of under mentioned fire fighting equipment:
  - a. Portable CO2, AFFF, DP-25 (PKP) Extinguishers.
  - b. Fixed CO2 System.
  - c. Fixed & Manual Spray System.
  - d. Magazine Fire Fighting System.
  - e. Emergency Escape Breathing Device (EEBD)
  - f. Extended Duration Breathing Apparatus (EDBA).
3. He has good moral character and strong will to pursue his target and zeal to work. He is resourceful, tactful, corporate and possessive. I wish him success and achievements in his future career.



Office Seal

FARHAN UR REHMAN  
Lt Cdr Pakistan Navy  
Marine Engineering Officer  
PNS ZULFIQUAR

Marine Engineering Officer

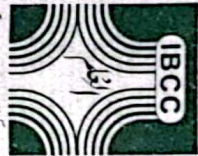


CamScanner





# Inter Board Committee of Chairmen



Government of Pakistan  
Islamabad

Serial No. 111039

## Equivalence Certificate

Certified that Mr. / Mrs. MUHAMMAD AZEEM s/o of Mr. MUHAMMAD ASGHAR

Date of birth 01-08-2000 has qualification Higher Educational Test (HET)

of Country and / or Examining Body Pakistan Navy, Pakistan in Year 2021

Which is considered equivalent to Higher Secondary School Certificate of Pakistan  
Group : HUMANITIES

Marks obtained:

In Figures XXXXXXXXXX out of 1100

In Words XXXXXXXXXXXXXXXXXX

Ref IBCC/KHI/PAK/2022-M00016288

Date 22-12-2022

Section Incharge Handwritten Signature




Handwritten Signature  
Secretary



S. No. 7022

# HIGHER EDUCATIONAL TEST (HET)



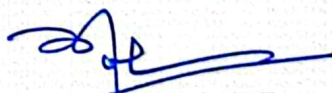
## PAKISTAN NAVY

This is to certify that PJO/O No. 2170268 Rank/Rate MEM(M)-II  
Name MUHAMMAD AZEEM Branch MARINE ENGINEERING  
has passed **HIGHER EDUCATIONAL TEST** of the Pakistan Navy held in JUL 2021  
and has educationally qualified for promotion to the Commissioned Rank (Special Duty List)  
The candidate passed in the following subjects obtaining marks shown against each:

S. No.	Subjects	Maximum Marks	Marks Obtained
1.	Urdu 'A'	100	74
2.	Urdu 'B'	100	72
3.	English 'A'	100	56
4.	English 'B'	100	61
5.	History	100	66
6.	Geography	100	48
7.	Islamic Education/Civics 'A'	100	81
8.	Maths	100	40
9.	Physics 'B'	100	58
10.	Physics 'C'	100	66
	<b>Total:</b>	1000	622

Total Marks Obtained (in words) SIX HUNDRED TWENTY TWO % 62.2



  
**M MOHSIN AZIZ**  
**CAPTAIN PAKISTAN NAVY**  
Director of Naval Education

Date 26/7/22



Roll No. 9012531  
Session: 2019-2022

Serial No. 45888

# Pakistan Technical & Education Council Islamabad



Islamabad - Pakistan

Established Under (ACT, XXI of 1860 Govt. of Punjab Pakistan)  
www.ptec.edu.pk

## Diploma



Certified that Mr/Miss/Mrs. **MUHAMMAD AZEEM** S.O/D.O/W.O **MUHAMMAD ASGHAR**  
Registration No. **PTEC/NPIL/A168-2610** Institute **NATIONAL POLYTECHNIC INSTITUTE, LAHORE**  
appeared and passed the trade proficiency test in accordance with the requirements of the National Occupational Skills standards of **3 YEARS** duration prescribed by the Pakistan Technical & Education Council, Government of Punjab in the Trade of **DIPLOMA OF ASSOCIATE ENGINEERING (MECHANICAL)**  
The test was conducted by the Pakistan Technical & Education Council in the month of **AUGUST, 2022**  
His/Her proficiency in the trade test is as under:- 1) Theory **1526** 2) Practical **1135**  
The examination was taken as a whole/in parts.  
And in recognition thereof this Trade Certificate is issued on the **WEDNESDAY OCTOBER 26, 2022**

Total Marks	Marks Obtained	Percentage	Grade
3450	2661	77.13%	A



Controller of (Exam)



Secretary, PTEC



CamScanner



80% ----- A+  
70% ----- A  
60% ----- B  
50% ----- C  
40% ----- D  
33% ----- E

  
**ASIF IMRAN BUTT**  
Deputy Director (PS-8D)  
Regional Office  
National Vocational & Technical  
Training Commission Islamabad



Scan QR Code to verify  
For Online Verification  
[www.ptec.edu.pk](http://www.ptec.edu.pk)  
Code No: 9012531



Checked by Shabbir Ahmad  
Private Secretary.....



27 JAN 2025

PREPARED BY: I. Esmee  
CHECKED BY: [Signature]  
REGISTER NO: 16768

COUNTERSIGNED ONLY  
Ministry of Foreign Affairs is not  
responsible for the  
- 15 Jan 2025



CamScanner





# Pakistan Technical & Educational Council Islamabad

## DETAILED MARKS CERTIFICATE

### DIPLOMA OF ASSOCIATE ENGINEERING (MECHANICAL)

Reg. No: PTEC/NPIL/A168-2610 Session: 2019-2022 (Annually)  
Name of Candidate: MUHAMMAD AZEEM Father's Name: MUHAMMAD ASGHAR  
Institute College: NATIONAL POLYTECHNIC INSTITUTE, LAHORE



3rd Year | Roll No: 9012531 | Session: ANNUAL 2021-2022

SR	SUBJECTS	TOTAL MARKS	OBTAINED MARKS			REMARKS
			TH	PR/VIVA	TOTAL	
1	Islamiat & Pakistan Studies	50	38	-	38	Pass
2	Industrial Management and Human Relations	150	112	-	112	Pass
3	Hydraulics and Hydraulic Machines	50 / 50	39	38	77	Pass
4	Applied Thermodynamics	100 / 50	73	40	113	Pass
5	Industrial Planning & Production Methods	100 / 100	72	86	158	Pass
6	Machine Design & Analysis	100 / 50	71	44	115	Pass
7	Materials testing & Heat Treatment	100 / 50	77	38	115	Pass
8	CAD/CAM	50 / 100	40	87	127	Pass
9	CNC Machines	100	-	82	82	Pass
Total Marks		1200	522	415	937	Pass

Total Marks	Obtained Marks	Percentage	Grade
3450	2661	77.13%	A

Errors and omissions excepted any mistake in above particulars must be intimated within 30 days of issuance of this certificate.

Theory Passing Marks=40%  
Practical Passing Marks=50%







# Pakistan Technical & Educational Council Islamabad

## DETAILED MARKS CERTIFICATE

### DIPLOMA OF ASSOCIATE ENGINEERING (MECHANICAL)

Reg. No: PTEC/NPIL/A168-2610 Session: 2019-2022 (Annually)  
Name of Candidate: MUHAMMAD AZEEM Father's Name: MUHAMMAD ASGHAR  
Institute College: NATIONAL POLYTECHNIC INSTITUTE, LAHORE



2nd Year   Roll No: 6012310   Session: ANNUAL 2020-2021						
S#	SUBJECTS	TOTAL MARKS	OBTAINED MARKS			REMARKS
			TH	PR/VIVA	TOTAL	
1	Islamiat & Pakistan Studies	50	38	-	38	Pass
2	Applied Mathematics-II	150	106	-	106	Pass
3	Applied Mechanics	50 / 50	36	40	76	Pass
4	Business Communication	100 / 50	79	42	121	Pass
5	Business Management & Industrial Economics	100 / 50	72	36	108	Pass
6	Applied Electricity and Electronics	100 / 50	73	42	115	Pass
7	Metrology	100 / 50	74	43	117	Pass
8	Engineering Drawing-II	50 / 100	39	88	127	Pass
9	Workshop Practice-II	50	-	43	43	Pass
Total Marks		1100	517	334	851	Pass

Errors and omissions excepted any mistake in above particulars must be intimated within 30 days of issuance of this certificate.

Theory Passing Marks=40%  
Practical Passing Marks=50%



CamScanner  
Controller of Examination







# Pakistan Technical & Educational Council Islamabad

## DETAILED MARKS CERTIFICATE

### DIPLOMA OF ASSOCIATE ENGINEERING (MECHANICAL)

Reg. No: PTEC/NPIL/A160-2610 Session: 2019-2022 (Annually)  
Name of Candidate: MUHAMMAD AZEEM Father's Name: MUHAMMAD ASGHAR  
Institute College: NATIONAL POLYTECHNIC INSTITUTE, LAHORE



1st Year | Roll No: 5011412 | Session: ANNUAL 2019-2020

SR	SUBJECTS	TOTAL MARKS	OBTAINED MARKS			REMARKS
			TH	PR/VIVA	TOTAL	
1	Islamiat & Pakistan Studies	50	39	-	39	Pass
2	Functional English	100	73	-	73	Pass
3	Applied Mathematics-I	150	106	-	106	Pass
4	Applied Physics	50 / 50	40	41	81	Pass
5	Applied Chemistry	50 / 50	37	40	77	Pass
6	Computer Applications	50	-	37	37	Pass
7	Safety Practices and Procedure	100 / 100	78	83	161	Pass
8	Basic Engineering Drawing and CAD-I	100 / 100	75	70	145	Pass
9	General Engineering Workshop-I	100	-	79	79	Pass
10	Engineering Drawing and Graphics	50 / 50	39	36	75	Pass
Total Marks		1150	487	386	873	Pass

Errors and omissions excepted any mistake in above particulars must be intimated within 30 days of issuance of this certificate.

Theory Passing Marks=40%  
Practical Passing Marks=50%



CamScanner  
Controller of Examination







# Pakistan Technical & Educational Council Islamabad

## STUDENT VERIFICATION LETTER

### TO WHOM IT MAY CONCERN

It is to verify that the Diploma/Certificate issued in favor of Mr/Miss/Mrs. **MUHAMMAD AZEEM** S/D/W/O **MUHAMMAD ASGHAR**, vide Registration No: **PTEC/NPIL/A168-2610** with Roll No: **9012531** trained and evaluated by **NATIONAL POLYTECHNIC INSTITUTE, LAHORE** in the trade of **DIPLOMA OF ASSOCIATE ENGINEERING (MECHANICAL)** is found genuine according to our office record with the following transcript.

### TRANSCRIPT DETAILED

TOTAL MARKS	3450
OBTAINED MARKS	2661
DURATION	3 YEARS
PERCENTAGE	77.13%
GRADE	A
DATE OF ISSUE	26-OCT-2022



SCAN QR CODE  
TO VERIFY

Prepared By: Asim Ali



Controller of Examination



CamScanner



PAPA KAZEEM<<MUHAMMAD<<<<<<<<<<<<<<<<<<<<<<<<<  
I B 8571417PAK0008017M28082333430158537143<50



