

ILIYAS AHMAD

MECHANICAL TECHNICIAN



8809992520 / 570977378



iliyasrazaqadri@gmail.com

SKILLS

- Mechanical Design and Maintenance
- Gas Turbine Maintenance (7FA0.05, 7FA.0)
- Gas Turbine Troubleshooting
- Major Inspections (MI) of Gas Turbines
- Bearing Replacements (Compressor, General, Thrust)
- Gas Turbine Blade and Bucket Change
- Mechanical Systems Installation and Troubleshooting
- Compressor Maintenance and Repair
- Turbine Casing Repair (Inlet and Turbine Casing)
- Preventive Maintenance Scheduling
- Equipment and Machinery Optimization
- Performance Monitoring and Enhancement
- Structural Integrity Maintenance
- Safety Compliance and Standards
- Turbine Operations Optimization
- Spare Parts Inventory Management
- Preventive Maintenance Planning
- Team Collaboration and Technical Support
- Gas Turbine System Diagnosis and Performance Tuning
- Mechanical System Design Improvements

PERSONAL DETAILS

Father's Name: Jameel Ahmad

Date of Birth: 22nd June 1995

Civil Status: Married

Nationality: Indian

Blood Group: A+ (Positive)

Iqama ID: 2527837286

Passport No: R6966252

Languages: English, Urdu, Hindi

OBJECTIVE

Dedicated and results-driven Mechanical Technician with over 3 years of extensive experience in gas turbine maintenance, diagnostics, and repair. Demonstrates expertise in conducting major inspections, advanced troubleshooting, and precision component replacements for 7FA0.05 Gas Turbines, developed through hands-on involvement in high-profile energy projects with GE Vernova and Siemens Energy across Saudi Arabia. Committed to maximizing operational efficiency, ensuring strict adherence to safety standards, and optimizing the performance and reliability of critical machinery in large-scale energy operations. Seeking to apply technical proficiency, preventative maintenance expertise, and a proven ability to minimize downtime in contributing to the success of an innovative and dynamic organization.

EXPERIENCE

Mechanical Technician

2021 – 2024

Mechanical Technician GE Vernova (Field Core) | Saudi Arabia

- Led major inspection (MI) activities for 7FA0.05 Gas Turbines, including turbine blade replacements, fuel nozzle liner installations, and casing alignment for combustion sections across power plants such as PP12 Power Plant, Marafiq, and Abqaiq.
- Conducted maintenance and inspections for key gas turbine components such as shroud blocks (Stage 1 & 2), nozzles (Stage 1 & 2), buckets (Stage 1 & 2), and addressed compressor fouling issues.
- Gained in-depth experience working with gas turbine major components, including the compressor, turbine, combustion chamber, and starting means.
- Utilized expertise in interpreting GT cutaway casing cross-sections, encompassing air inlet casing, compressor casing, compressor discharge casing (CDC), turbine casing, exhaust casing, and inlet guide vane (IGV) casing.
- Performed diagnostic tests and troubleshooting, identifying and resolving issues in turbine systems, enhancing fuel efficiency and minimizing downtime.
- Contributed to benchmarking efforts, focusing on fuel efficiency improvement index calculations to measure performance improvements relative to reference periods. Collaborated on KPI-based benchmarking for power plants, contributing to performance rankings for plants such as Jamnagar, Baroda, and Patalganga.
- Supported operational improvements by replacing bearing assemblies, including thrust bearings, compressor bearings, and general bearings, ensuring reliable turbine performance.
- Played a critical role in turbine optimization, particularly during major inspections, ensuring gas turbine efficiency aligned with RIL - CPP Benchmarking Criteria.
- Collaborated with cross-functional and global teams, leveraging expertise in mechanical maintenance to improve the performance, efficiency, and longevity of turbines and associated equipment.
- Received commendations for outstanding performance during seven major inspections of 7FA0.05 Gas Turbines, recognized for deep technical knowledge, effective teamwork, and a proactive approach to learning and problem-solving.
- Demonstrated exceptional skills and contributed significantly to the success of the 7FA.05 Major Inspection (7MI) at PP-12 Power Plant, earning high recommendations from supervisors for future outage assignments.

Siemens Energy | Saudi Arabia

- S-Chem Project (2 months): Performed mechanical maintenance on gas turbines, focusing on the IGV compressor systems, bearing installations, and ensuring smooth turbine operations.
- SABIC Gas Project (6 months): Supported compressor and turbine maintenance, including the installation and replacement of compressor bearings and thrust bearings to maintain optimal performance levels.
- Saudi Aramco - Wasit Gas Plant: Conducted comprehensive mechanical maintenance on turbine and compressor systems, adhering to industry standards and safety regulations.

Duties & Responsibilities

- Assisted engineers in mechanical troubleshooting and design improvements for gas turbines and associated equipment, ensuring seamless operations and enhanced system performance.
- Developed and implemented preventive maintenance plans and mechanical maintenance schedules, minimizing breakdowns and optimizing the operational lifespan of turbines and other mechanical systems.
- Ensured compliance with safety regulations, maintaining a clean and safe working environment while performing mechanical repairs and inspections.
- Trained and mentored co-workers on the safe operation and efficient use of mechanical equipment, promoting workplace safety and productivity.
- Monitored spare parts inventory, ensuring timely replenishment and availability of critical components for turbine and compressor maintenance activities.

WORK EXPERIENCE IN KSA

GE Vernova

Project: Marafiq

Mechanical Technician

- **Role:** Worked as a Mechanical Technician for HGPI, responsible for performing mechanical maintenance and inspections on 7FA0.05 gas turbines, compressors, and related systems. Involved in troubleshooting, bearing replacements, and turbine blade changes.

GE Vernova

Project: Abqaiq

Mechanical Technician

- **Role:** Served as a Mechanical Technician for HGPI, focusing on gas turbine maintenance, including blade changes, compressor installations, and bearing replacements. Ensured compliance with safety standards and operational efficiency.

Siemens Energy

Project: Saudi Aramco (Wasit Gas Plant)

Mechanical Technician

- **Role:** Led mechanical maintenance activities on gas turbines and related systems for Saudi Aramco's Wasit Gas Plant under HGPI. Tasks included turbine inspections, compressor maintenance, and bearing replacements, ensuring optimal turbine performance.

Siemens Energy

Project: S-Chem Project

Mechanical Technician**2 months**

- **Role:** Performed maintenance and troubleshooting on gas turbine components, including compressors and bearings, ensuring high efficiency and minimal downtime.

Siemens Energy

Project: SABIC Gas Project

Mechanical Technician

Duration: 6 months

- **Role:** Involved in working with gas turbines, specifically IGV compressors, bearing 1, bearing 2, general bearings, and thrust bearings installations, contributing to the project's success by ensuring turbine efficiency and safety.

GE Vernova

Project: Saudi Electricity Company (PP12)

Mechanical Technician

- **Role:** Skilled in comprehensive gas turbine maintenance, including the replacement of turbine buckets and blades across Rows #1, #2, and #3, as well as the alignment and maintenance of lower combustion section casings and pigtail assemblies. Proficient in replacing fuel nozzle liners, turbine inlet casings, and compressor turbine nozzles, along with the assembly and installation of TP bearings and IGV turbine casings to ensure optimal system performance and reliability.

Siemens Energy

Project: Saudi Aramco (Manifa)

Mechanical Technician

- **Role:** Worked under HGPI at Saudi Aramco's Manifa field, handling mechanical inspections, turbine maintenance, and supporting troubleshooting of various mechanical systems in the gas plant.

EDUCATION

B.E. (Mechanical Engineering)

MS Engineering College (VTU University), 2019, 56%

S.S.C.

Bihar Secondary Education Board (BSEB), 2012, 62.66%

H.S.C.

Bihar Secondary Education Board (BSEB), 2010, 58%

CERTIFICATIONS & TRAINING

- GE Vernova Gas Turbine Maintenance Training
- Siemens Energy Turbine Maintenance and Safety Certifications
- Safety and Compliance Certifications for Mechanical Maintenance

Dear Hiring Manager,

I am writing to express my interest in the Mechanical Technician position at your Company. With over 3 years of experience in mechanical systems, gas turbine maintenance, and troubleshooting, I believe I can contribute significantly to your team. I have worked with leading companies such as GE Vernova and Siemens Energy, contributing to large-scale energy projects across Saudi Arabia. My expertise spans gas turbine maintenance, major inspections (MI), bearing replacements, blade changes, and IGB turbine casing repairs, ensuring that machinery operates at peak performance and reliability.

In my role as a Mechanical Technician at GE Vernova and Siemens Energy, I played a key role in supporting power generation plants, including the PP12 Power Plant, Marafiq, Abqaiq, and Saudi Aramco projects. I specialized in 7FA.05 Gas Turbines and gained hands-on experience in diagnostics, troubleshooting, and installation of critical mechanical components such as compressors and bearings. Additionally, I ensured that all tasks complied with strict safety standards and industry regulations, fostering a safe and efficient work environment.

I would appreciate the opportunity to discuss how my background, skills, and certifications align with the needs of your team. Thank you for considering my application. I look forward to the possibility of working together.

Sincerely,

Iliyas Ahmad

FROM

Niyas Thennaden

Snr Mechanical TFA

GE Vernonva - OneField Services

9-Dec-2024

To:

Iliyas Ahmad

Mechanical Technician

Dear Iliyas Ahmed,

I am writing to recommend Ilyas Ahmad, who served as a Mechanical technician with us at GE Vernova 7FA.05 Major inspections In PP-12 Power plant. During the 7 MI inspections he was with us, Ilyas Ahmed demonstrated exceptional skills, commitment, and willingness to learn and improve.

Ilyas Ahmed technical expertise and hands-on experience in the field as a mech technician were evident from the outset. He displayed a deep understanding of systems, in addition to his technical proficiency, Ilyas Ahmed also excelled in teamwork and communication. He collaborated effectively with colleagues.

His commitment to the 7 major outages, coupled with a proactive approach to tackling challenges. He was a true asset to the team and possesses the skills, knowledge, and attitude to excel in future outages.

I am confident that Ilyas Ahmed will continue to demonstrate the same dedication and excellence in his future outages and roles. I Sincerely recommend him for future outages as he will make a significant contribution as he did in PP12.

Please feel free to contact me if you require any further information or clarification.

Sincerely,



Niyas Thennaden

Snr Technical field Advisor

Email: Niyas.thennaden1@ge.com

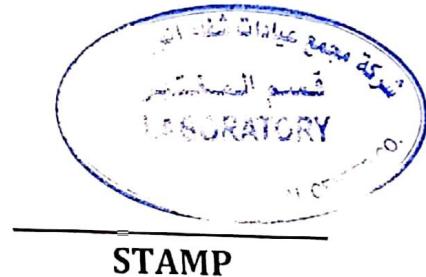
+966564355681



FILE No. :	1	RESULT DATE :	22, SEPTEMBER, 2022
NAME :	ILYAS AHMAD	RESULT No. :	21174
GENDER :	MALE	ID/IQ No. :	2527837286
REF. DR. :	SABRI MOHD ATTIA	COMPANY :	CASH

BLOOD GROUP	
ABO GROUP:	<u>"A"</u>
RH FACTOR:	<u>POSITIVE</u>
A+	


SIGNATURE


STAMP



الشركة السعودية للكهرباء
Saudi Electricity Company
نعمل بإتقان من أجلكم



الياس احمد احمد

ILIYAS AHMAD

شركة جي إي فيرنوفا انترناشيونال

CONTRACTOR

EXP: 14/11/2024

RESTRICTED AREA

منطقة محظورة

Nationality: INDIA الجنسية:

Gov.No: 2527837286 رقم الهوية:

Blood Type: A+ فصيلة الدم:

استعمال هذه البطاقة من قبل غير صاحبها غير قانوني وقد يخضع للعقوبة حسب القانون وعلى من يجدها أن يعيدها إلى إدارة الأمن الصناعي.

هاتف رقم: 0112024112

Use of this card by others, is illegal and may liable to penalty by law. If found must return it to ISD.

Contact No. 0112024112

C-GN-001



2527837286

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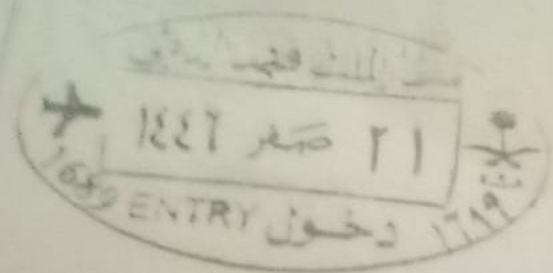
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★ IMMIGRATION INDIA ★
A2-33A
19 JUN 2024
NEW DELHI
★

★ IMMIGRATION INDIA ★
A2-574
25 APR 2025
ARRIVED
NEW DELHI



← Digital Documents

Last updated: Wednesday 13 November 2024 1:18 PM
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RESIDENT ID

هوية مقيم
رقم النسخة ٣

وزارة الداخلية

الياس احمد الياس احمد
ILIYAS AHMAD

رقم الهوية: ٢٥٢٧٨٣٧٢٨٦ تاريخ الانتهاج: ٢٠٢٥/٠٢/١٢

تاريخ الميلاد: ١٩٩٥/٠٦/٢٢ مكان الميلاد: الهند

الجنسية: الهند الديانة: الاسلام

المهنة: ميكانيكي كهرباء

هوية صاحب العمل: ٧٠١٣٤٩٥٤٩٩

مكان الإصدار: موقع بوابة الوزارة الالكترونية

مكان العمل: المنطقة الشرقية

اسم صاحب العمل: شركة الموارد المتقدمة للمقاولات

يجب التحقق من الرمز السريع قبل اعتماد التعامل مع الهوية



Alerts



My Services



My Family



Sponsors



My Vehicles



ವಿಶ್ವವಿದ್ಯಾಲಯ, ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಂಗಳೂರು
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA
STATEMENT OF MARKS
 BE Eighth Semester (Mechanical Engineering)

F¹⁶ 028505

Name of the Student : **ILYAS AHMAD**
 Father's / Mother's Name : **JAMEEL AHMAD**
 Name of the College : **M.S. ENGINEERING COLLEGE, BANGALORE**

Seat No. : **1ME12ME020**

Sl. No.	Code	Subject		Examination Marks			Internal Assessment Marks			Total Marks			Month & Year of Passing
		Title		Max	Min	Obtained	Max	Min	Obtained	Max	Min	Obtained	
1	10ME81	Operations Management		100	35	41	25	-	10	125	50	51	Jul 17
2	10ME82	Control Engineering		100	35	41	25	-	15	125	50	56	Jul 17
3	10ME83	Power Plant Engineering		100	35	53	25	-	19	125	50	72	Jul 17
4	10ME84	Automotive Engineering		100	35	43	25	-	16	125	50	59	Jul 17
5	10ME85	Project Work		100	40	94	100	50	89	200	90	183	Jul 17
6	10ME88	Seminar		-	-	-	50	20	33	50	20	33	Jul 17
GRAND TOTAL										750	310	454	

*First Attempt Total (in words) : **FOUR HUNDRED AND FIFTY FOUR ONLY**

Result of the Semester : **FIRST CLASS**

Results of V to VIII Semesters :

Semesters	V	VI	VII**	VIII	V TO VIII
Marks at First Attempt	408	457	395	454	1714
Total Marks (Max.)	900	900	900	750	3450
Result	SC	SC	SC	FC	SC

First Attempt Total (V to VIII Sem) in words : **ONE THOUSAND SEVEN HUNDRED AND FOURTEEN ONLY**

Result of the Degree : **SECOND CLASS**

Date : **JAN 03, 2020**

** Charred during Jul 2019 exam



Registrar
 Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

P
18 17452

Provisional Degree Certificate

This is to certify that Mr./Ms. ILIYAS AHMAD

*is qualified for the award of the degree of
BACHELOR OF ENGINEERING (Mechanical Engineering)
of this University for having passed the prescribed examination
held during July 2019 in Second Class
with University Seat No. 1ME12ME020*

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 30 NOV 2019



Ami

Registrar (Evaluation)



बिहार विद्यालय परीक्षा समिति, पटना
BIHAR SCHOOL EXAMINATION BOARD, PATNA

अंक पत्रक MARKS SHEET

माध्यमिक विद्यालय परीक्षा SECONDARY SCHOOL EXAMINATION, 2010 (ANNUAL)

क्रमा सं.
Sl. No.

0917413

पुत्र नाम

ILYAS AHMAD

पुत्र की माता का नाम

FULJAHAN KHATOON

पिता का नाम

JAMEEL AHMAD

विद्यालय

BRAJ KISHOR H/S SRINAGAR SIWAN

पुत्र का रोल कोड

92049

पुत्र का रोल नं.

0240

पंजीयन सं. रज. नं.

92049-14384-09

जन्म तिथि

22/06/95

SUBJECT	FULL MARKS	PASS MARKS	MARKS OBTAINED		MARKS IN WORDS
			THEORY	PRACTICAL	
M.I.L. URDU	100	30	070	-	SEVEN ZERO
S.I.L. NATIONAL LANGUAGE HINDI	100	30	046	-	FOUR SIX
MATHEMATICS	100	30	050	-	FIVE ZERO
SCIENCE	100	30	050	012	SIX TWO
SOCIAL SCIENCE	100	30	033	-	THREE THREE
OPTIONAL	500	150	AGGREGATE		RESULT
	100	30	037	-	2ND DIVISION
ENGLISH	100	30	037	-	2ND DIVISION
OPTIONAL	100	30			

1st Div - 300
2nd Div - 225
3rd Div - 150

Patna, Dated

22nd May, 2010

Amrap Kumar Saha
Secretary



बिहार विद्यालय परीक्षा समिति, पटना

BIHAR SCHOOL EXAMINATION BOARD, PATNA

अंक विवरणिका MARKS STATEMENT

इन्टरमीडिएट परीक्षा, 2012 INTERMEDIATE EXAMINATION, 2012

नाम Name **ILIYAS AHMAD**

पिता का नाम Father's Name **JAMEEL AHMAD**

सहायिणीयता College **GOVERNMENT INTER COLLEGE ATARSAN**

रोल कोड Roll Code **4155** अंकांक Roll No **10095**

सूची संख्या Enlistment No. **92049-14384-09** विषय Faculty **SCIENCE**

विषय का नाम SUBJECT NAME	कुल अंक F.Marks	प्राप्त अंक P.Marks	अंक प्राप्त की गई (MARKS OBTAINED)				विषय का कुल अंक Subject Total
			सै. कृत Theory	प्रयोगात्मक Practical	Reg. Th.	Reg. Pt.	
1. अनिवार्य COMPULSORY							
R. B. NON-HINDI	050	015	031				
ALTERNATIVE ENGLISH	050	015	036				067
ENGLISH	100	030	046				046
2. वैकल्पिक OPTIONAL							
PHYSICS	100	033	042	027			069
CHEMISTRY	100	033	023	028			051
MATHEMATICS	100	030	074				074
3. अतिरिक्त ADDITIONAL							
प्रत्यांक AGGREGATE MARKS							
			THREE HUNDRED SEVEN			307	
परिणाम RESULT							
			1ST DIVISION				

Dated **05-06-2012**
PATNA-800 001

Lal Singh
Secretary

P.C. No. 9189719



बिहार विद्यालय परीक्षा समिति, पटना
BIHAR SCHOOL EXAMINATION BOARD, PATNA
प्रारम्भिक प्रमाण पत्र, PROVISIONAL CERTIFICATE
द्वैतमोहिएत परीक्षा, 2012
INTERMEDIATE EXAMINATION, 2012

उम्मीदवार का नाम ILIYAS AHMAD

दूसरे नाम का नाम JAMEEL AHMAD

सं. 10095 10095 10095 92049-14384-09

GOVERNMENT INTER COLLEGE ATARSIAN

SCIENCE

FIRST

Subjects Offered

COMPULSORY

- R. B. NON-HINDI
- ALTERNATIVE ENGLISH
- ENGLISH

OPTIONAL

- PHYSICS
- CHEMISTRY
- MATHEMATICS

ADDITIONAL

दिनांक 05-06-2012
PATNA-800 001

Lal Singh
Secretary

पत्र संख्या
Sl. No. 10AC

0657322

171-5455/150

बिहार विद्यालय परीक्षा समिति
Bihar School Examination Board



प्रमाण-पत्र
CERTIFICATE

माध्यमिक विद्यालय परीक्षा, 2010
SECONDARY SCHOOL EXAMINATION, 2010

यह प्रमाणित किया जाता है कि ILIYAS AHMAD
This is to certify that

रोलकोड 92049 अनुक्रमांक 0240 पंजीयन संख्या 92049-14384-07
Roll Code Roll No. Registration No.

आत्मज/आत्मजा श्रीमती FULJAHAN KHATOON
Son/Daughter of Smt.

एवं श्री JAMEEL AHMAD
& Shri

जिनकी जन्म तिथि 22ND JUNE, 1995 राष्ट्रियता INDIAN
born on Nationality

हे, ने बिहार विद्यालय परीक्षा समिति द्वारा मार्च, 2010 में आयोजित वार्षिक माध्यमिक परीक्षा
passed the Annual Secondary Examination of the Bihar School Examination Board held in March, 2010

विद्यालय से BRAJ KISHOR H/S SRINAGAR SIWAN श्रेणी में SECOND
From School under division

निम्न विषयों में उत्तीर्ण की :
in the following subjects :

URDU ENGLISH
NATIONAL LANG. HINDI
MATHEMATICS
SOCIAL SCIENCE
SCIENCE

पटना :
PATNA :
दिनांक :
DATE : 21-07-2010

Anup K. Sinha

सचिव
Secretary



CERTIFICATE

OF APPRECIATION


06-November-2023

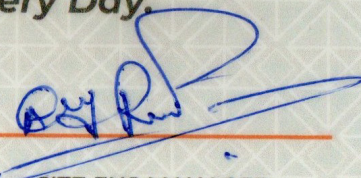
THIS CERTIFICATE IS AWARDED TO

Iliyas Ahmad (Mech Tech)

In Recognition of remarkable participation and outstanding contribution provided in safety and execution of GT-12 7FA.05 Major Inspection Outages PP 12 KSA 2023 to 2024

Everyone Goes Home Safely Every Day.


OUTAGE MANAGER


SITE EHS MANAGER

FieldCore
a GE company



CERTIFICATE OF APPRECIATION

Proudly Presented to

AHMED, ILYAS

GE Vernova recognizes that our employees are our most valuable assets. We are proud to honor your unwavering dedication to our EHS No Harm culture. Your commitment during the project has been instrumental and impactful to safeguard your safety and safety of your co-workers.

THANK YOU for your leadership.

One Field Services, Gas Power

A handwritten signature in dark ink, appearing to read 'Mohamed Gargat', is positioned above a horizontal line.

Mohamed Gargat
Region EHS Director
Middle East & Africa

17 Nov - 2024

