



RAHUL (DIPLOMA IN AUTOMOBILE ENGINEERING)

ENGINE TESTING CELL ENGINEER AND SERVICE ENGINEER

WORK EXPERIENCE

Previous Company:

INTERNATIONAL CENTER FOR AUTOMOTIVE TESTING

Designation – Associate ENGINE TEST ENGINEER

August 2018 – May 2019

❖ Involved in engine Testing by performing various test.

- Executed a diverse range of responsibilities as a Test Bed Engineer, including conducting rigorous engine testing and generating comprehensive reports.
- Evaluated engine power under various load conditions and assessed performance according to predefined criteria
- Conducted extensive endurance testing, oil consumption testing, and fuel testing to evaluate engine performance
- Ensured compliance with industry standards by conducting engine testing in accordance with BS norms.

SSP (RRCON LOGISTIC) – RAJGHAT DEPOT 1, NEW DELHI

Designation – SERVICE ENGINEER

JUNE 2021 – FEB 2022

❖ Involved in the preparation of Report of failure child part and working for the essential parts improvement use in DTC

- Prepared comprehensive reports for both mechanical and electrical components, providing valuable insights for decision-making and improvement initiatives
- Allocated child parts to the depot, ensuring availability and timely replacement of necessary components.
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- Managed manpower and monitored manufacturing processes, effectively overseeing production of high-quality products and services
- Maintained and documented failure reports for various mechanical parts, effectively tracking and analyzing issues for future improvement

KEY PROJECTS

IN INTERNATIONAL CENTER FOR AUTOMOTIVE TESTING

- **Maruti 4 Cylinder Engine Endurance and oil Consumption Test**

Major Tasks Performed

- Prepared all Set up for Engine on Dynamo t to perform test.
- Running Engine For 1000 Hour long Run Test at various loads test by using Dynamo.
- Running engine at different RPM in different cycle to test engine component endurance.
- Taking oil Sample after every every 10 Cycle to check how much oil consumed.
- Check all Wear and Tear through visual inspection of all components after every 2-3 Cycle of completion.

PROFILE

Diploma in Automobile Engineering with 2+ years of experience in Engine testing and Service engineer. Also work in many projects of engine testing and I have experience in man power management, I also have good commend in mechanical parts designing .

CONTACT

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WEBSITE:

www.linkedin.com/in/mr-rahul-915a86182/

Skills

- AutoCAD 2D and 3D Design.
- Solid word 2D and 3D Designs.
- Data Analytical Skill
- Prompt Writing.

Software Skills

- AutoCAD
- SolidWorks
- MS- Office package
- Prompt Writing (Open AI)

QUALIFICATIONS

2015 - 10th Pass from Central Board of Secondary Education with 8.2 CGPA.

2015 to 2018 - Diploma in Automobile Engineering from Pusa Institute of Technology (Delhi) with 79% Marks.

2018 to 2024 - Bachelor in Science from Bhaskar achara College of Applied Science From (Indira Gandhi Open National University) (Delhi) Result Awaited.

Certification

- **AutoCAD** from Autotrix Design & Technologies (Registered under Govt of India).
- **SolidWorks** from Autotrix Design & Technologies (Registered under Govt of India).
- **Data Analytical** from Coursera.
- **Spoken English** from British Council India.

Industrial Summer Training (12 weeks)

In Tata Motors.

Nangli Sakrawati Najafgarh 110043.

Industrial soft skill training at Hyundai training center (1 Week)

Achievements and awards

- Received Best Performance certificate in ICAT in 2018.
- Received Cash prize for Kie Zen in ICAT in 2019

PERSONAL DETAILS

Date of Birth : 26.03.1998
Languages : Hindi, English
Gender : Male
Marital Status : Unmarried
Nationality : Indian

ADDRESS

B-16, Ambedkar Place Baprola Vihar,
Gali Number 25, Najafgarh, Delhi
110043

• **4 Cylinder 4X4 Engine Dual Dynamo Test with AVL (Fuel Consumption)**

Major Tasks performed

- Preparing test bed setup for the dual Dynamo test for 4X4 Engine.
- In this test we have run engine for checking the fuel consumption at various load at different RPM.
- We also Taking the Various Temperature and pressure readings at Various point in engines such as oil tank, Air Inlet, Exhaust outlet, Engine Head, Inlet and Outlet of Coolant, Fuel Pressure.
- Taking the reading of different power and Torque Out Put at different load and RPM.
- Inspect engine check all component after every 3-4 Cycle test .

• **Mercedez 6 Cylinder Radial Engine Endurance Test**

- Prepared all Set up for Engine on Dynamo t to perform test.
- Running Engine For 400 Hour long Run to Check the Endurance Test.
- Running engine at different RPM in different cycle to test engine component endurance and taking reading of power output.
- In this Test Engine Company already Provided the Required cycle test to check the engine Endurance we have simulate the test as per the developmental project requirement.
- All the Component go through wear and tear visual inspection after every 2 Cycle performed and also taking Various temperature reading at Different Points in Engine.

• **Maruti Engine Exhaust gas and Fuel Consumption Test.**

Major Tasks performed

- Prepare Test Bed to run Engine and Prepared Special Exhaust Gas Reading Setup.
- In this test we have tested engine On BS -VI Norm as per the regulation , we have measured all the pollutant as per the govt regulation.
- We also test engine Fuel consumption at different RPM and load variation.
- All the pollutant is treated with the advanced equipment so not to pollute the surrounding testing environment.
- Our Major Role is to taking Pollutant reading at Different RPM with different Load condition with Load and RPM simulation.

RECON LOGISTICS

• **Prepare Report of Repair and Failure Various Child Parts for Recon Logistic under DTC (Delhi Transport corporation)**

Major Tasks performed:

- Receive all the Damaged parts from all 10 depots then all Different parts were Send to the Respective repaired Department.
- Prepare the Failure report of all damaged and failure parts and check which component is feasible to repaired.
- Distribute Man power as per the Requirement in the department.
- Daily Update all respective depot about the repair part and scrabe parts to maintain the inventory of all depot.

- Provide improvement in material or key essential parts used in the various mechanical and electrical component such as ECM, CBCU etc.

COLLGE PROJECT:

Projects Pneumatic Steering Jul 2017 - Apr 2018 Pusa institute of technology, New Delhi - Designed and constructed a functional model of a Pneumatic Steering system - Demonstrated the advantages of Pneumatic Steering over hydraulic power steering - Highlighted the improved handling capabilities of Pneumatic Steering, even in the event of leakage - Identified the drawbacks of hydraulic steering systems, including the risk of complete failure due to leakage - Explored the additional benefits of hydraulic steering, such as increased power and better handling for heavy loads and off-road driving .

Declaration:

I declare that the details furnished in this resume are true to the best of myknowledge.

MR RAHUL
Place: New Delhi

