

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_110302
Title of the Manuscript:	ASSESSMENT OF EXHAUST EMISSIONS FROM HAULAGE TRUCKS AT ONNE PORT IN RIVERS STATE, NIGERIA
Type of the Article	Original Research Article

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1-The manuscript addresses a significant environmental concern by assessing exhaust emissions from haulage trucks at Onne Port in Nigeria. Air pollution, especially from freight transportation, is a global public health concern. The findings of this study contribute valuable insights into the extent of truck emissions, particularly in a region where air quality issues associated with haulage trucks need urgent attention.</p> <p>2-The title "effectively communicates the main focus of the study. However, if you are considering an alternative title, you may opt for a more concise version: "Exhaust Emission Assessment of Haulage Trucks at Onne Port, Nigeria"</p> <p>3-"In the abstract, provide a quantitative and numerical summary of the results obtained from ASSESSMENT OF EXHAUST EMISSIONS."</p> <p>4(A)-The innovation of the research and its difference with previous researches should be clearly stated in the last part of the introduction of the article.</p> <p>4(B)-The conclusion part of the article should be written shorter and the achievements of the article should be expressed quantitatively in this part.</p> <p>5-Based on the information provided in the abstract, there is no indication of scientific inaccuracies in the manuscript. The study employs real-time measurements using portable analyzers and detectors to assess exhaust emissions from haulage trucks at Onne Port. The methodology, data analysis, and presentation of results align with the study's objectives. To provide a comprehensive assessment of scientific accuracy, a thorough review of the entire manuscript, including the methodology, results, and discussions sections, is necessary. If there are specific concerns or areas of uncertainty, further details should be provided for a more accurate evaluation.</p> <p>6- It is suggested to use the following references in the article.</p> <p>-Iweze, D. O. (2023). The Imperative of Inter-Modal Transport System in Nigeria: A Case Study of Asaba and Onitsha Transportation System. <i>Journal of Traffic and Transportation Engineering</i>, 11, 61-73.</p> <p>-Bullock, R., Lawrence, M., & Moody, J. (2023). Unlocking Green Logistics for Development.</p> <p>-Jatau, S. U., Ajiboye, A. O., & Oni, B. G. (2023). Socio-Economic Potentials of Nigerian Inland Waterways System for Sustainable Use. In <i>Water and Environment for Sustainability: Case Studies from Developing Countries</i> (pp. 205-224). Cham: Springer International Publishing.</p> <p>-Taimoor, A. A., Rabbani, J., & Nawaz, F. (2023). Effect of Fuel Quality, Vehicle Maintenance and Advanced Emission Control Technology on Pakistan In-Use Light Vehicle Emissions. <i>Journal of King Abdulaziz University: Engineering Sciences</i>, 33(1).</p>	<p>Thank you for recognizing the contribution of our work to the field. We aimed to shed light on the critical issue of truck emissions at Onne Port and understand its implications for air quality. It's crucial to address this global concern.</p> <p>We have considered the alternative revised title to ensure it accurately reflects the essence of our study.</p> <p>Acknowledged, the abstract has been enhanced by including numerical summaries of the exhaust emissions assessment results.</p> <p>We have made the necessary revisions to the introduction sections to enhance clarity. However, to prevent redundancy in the conclusion section and avoid restating quantitative details found in Section 3, we will refrain from incorporating numerical information in this final segment of this article</p> <p>Thank you as we have also strived to ensure accuracy in our methodology, data analysis, and results presentation. We conducted a thorough review of the entire manuscript to address any concerns regarding scientific accuracy.</p> <p>Thank you for providing the suggested references; while we won't be utilizing them in this article, we do plan to incorporate them into upcoming articles to be authored by our team next year 2024.</p>
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>the English language quality of the article appears suitable for scholarly communications.</p>	

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Optional/General comments	<p>The study emphasizes the urgent need for prompt measures to address the emission issues associated with transport trucks in the region, emphasizing the importance of implementing stringent control measures.</p> <ol style="list-style-type: none">1. According to the text of the abstract, choose a better title for the article that fits the entire text of the article.2. "In the abstract, provide a quantitative and numerical summary of the results obtained from ASSESSMENT OF EXHAUST EMISSIONS."3. In the abstract of the article,The text suggests that trucks produced in Asia consistently exhibit lower pollutant concentrations in comparison to those originating from other regions. However, it does not explicitly state the percentage of reduced concentration or provide numerical values.How much is the concentration reduction percentage?4. The innovation of the research and its difference with previous researches should be clearly stated in the last part of the introduction of the article.5. It is suggested to use the following references in the article. <p>1-Iweze, D. O. (2023). The Imperative of Inter-Modal Transport System in Nigeria: A Case Study of Asaba and Onitsha Transportation System. <i>Journal of Traffic and Transportation Engineering</i>, 11, 61-73.</p> <p>2-Bullock, R., Lawrence, M., & Moody, J. (2023). Unlocking Green Logistics for Development.</p> <p>3-Jatau, S. U., Ajiboye, A. O., &Oni, B. G. (2023). Socio-EconomicPotentials of NigerianInlandWaterways System for Sustainable Use. In <i>Water and Environment for Sustainability: Case StudiesfromDeveloping Countries</i> (pp. 205-224). Cham: Springer International Publishing.</p> <p>4-Taimoor, A. A., Rabbani, J., &Nawaz, F. (2023). Effect of Fuel Quality, Vehicle Maintenance and Advanced Emission Control Technology on Pakistan In-Use Light Vehicle Emissions. <i>Journal of King AbdulazizUniversity: Engineering Sciences</i>, 33(1).</p> <p>The conclusion part of the article should be written shorter and the achievements of the article should be expressed quantitatively in this part.</p> <p>The manuscript effectively addresses the urgent need to tackle air quality issues associated with haulage trucks at Onne Port. Consider emphasizing potential implications for public health and proposing specific recommendations for emissions control measures in the conclusion. Additionally, ensuring clarity in statistical methods and data analysis details could further enhance the manuscript's scientific rigor. Overall, the study makes a valuable contribution to the field of environmental science and air quality management.</p>	
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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	