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| Journal Name: | [Asian Basic and Applied Research Journal](https://jofresearch.com/index.php/ABAARJ) |
| Manuscript Number: | **Ms\_ABAARJ\_1949** |
| Title of the Manuscript: | **FACTORS CONTRIBUTING TO SAFETY INCIDENTS IN OIL AND GAS DOWNSTREAM COMPANIES IN PORT HARCOURT METROPOLIS, NIGERIA** |
| Type of the Article | **RESEARCH PAPER** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This study is relevant and timely, as it addresses a crucial issue for the oil sector in Nigeria, a country heavily dependent on oil. It takes place in a context of high exposure to industrial risks, where incidents can have serious human, environmental and economic consequences. It can serve as a basis for prevention, awareness-raising and training policies in the sector. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **I will suggest anther title which is more relevant: Risk factors and HSE strategies in the downstream oil and gas sector in Port Harcourt, Nigeria**  **The precedent title is too long** |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | 1. **Methodology described: this type of study is much more based on population sampling, there are no other determinist methods based on scientific foundations, such as human factor hazop.**   **Too many demographic details**   1. **Exhaustive detail on the age of participants (25-30, 31-35, etc.) unnecessarily burdens the text. Group or summarise to lighten the text, unless age is a key variable in the analysis.**   **‘The majority of participants (84%) were aged under 35.**   1. **The list of factors is a little vague (‘unsafe acts’, ‘poor housekeeping’, ‘human error’). Give a clearer typology or rank the causes.** 2. **The main factors identified were: (1) failure to comply with instructions to wear PPE, (2) poor organisation of the premises (inadequate lighting, clutter), and (3) human error’.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | This study lacks timeliness, the scientific background is weak, there is no summary of feedback to identify past accidents in this company, give the syntheses of real accident scenarios that have taken place in this company or other companies in Nigeria.  Language can be cumbersome; some sentences are long or redundant. Lighten the style to make it easier to read. Improve the wording of recommendations, because the final recommendation is relevant but somewhat vaguely worded. It is necessary to specify the actions expected or the scope of the recommendations.  Clarifying the results  The list of factors is a little vague (‘unsafe acts’, ‘poor housekeeping’, ‘human error’). Give a clearer typology or prioritise the causes.  E.g. suggestion: ‘The main factors identified were: (1) failure to comply with instructions to wear PPE, (2) poor housekeeping (inadequate lighting, clutter), and (3) human error.  Summary of my suggestions:  Make the demographic section lighter Clarify the causes of incidents  Refine the wording of the recommendations Use a more fluid and concise style |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Emphasis on recent and local references, reflecting the current realities on the ground in Nigeria, Focus on Nigerian sources only: However This reduces the comparative scope of the study.  Prevents local HSE practices from being put into perspective in relation to international standards or good practice (e.g. Canada, Norway, Emirates, USA). |  |

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|  | Inclusion of irrelevant references: The article by Zhang et al (2022) on risks during the pandemic does not provide any direct value to the analysis of industrial safety incidents outside the health context. Other references appear to be general or far removed from the specific subject of the study.  **Suggestions for enrichment:**  Include international references to broaden the perspective:  For example:  Kashwani (2017) (United Arab Emirates): evaluation of safety systems in oil projects. Waqar (2024) (Pakistan): risk modelling in refineries.  Naji et al (2021): integrated approach to safety culture and psychosocial risks.  This work enables local practices to be compared with global standards (ISO 45001, API standards, etc.). Remove or relocate irrelevant references |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes the language English quality is suitable |  |
| **Optional/General** comments | **improve your study by introducing other human risk factors, review your work methodology, enrich your bibliographic references.**  **Despite these shortcomings, this work deserves to be published with these suggested improvements.** |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Lounis Zoubida, Institute Of Maintenance And Industrial Safety, University Of Mohammed Ben Ahmed Oran 2, Algeria**