



SDI Review Form 1.6

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| Journal Name: | Advances in Research |
| Manuscript Number: | 2013_AIR_8240 |
| Title of the Manuscript: | Effect of Distributor Plate Configuration on Pressure Drop in a Bubbling Fluidized Bed Reactor |
| Type of the Article | |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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) |
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| Compulsory REVISION comments | <p>The manuscript has been reviewed. Although your last mail instructed me to suspend the review, it has been completed before receiving the mail. However, the useful comments could help the authors or the editorial.</p> <ol style="list-style-type: none"> 1. It was observed that during the PDF conversion, some words were combined together. In the ABSTRACT see lines 9, 11, 13,14,15,22. Edit last line to read usedforBetter..... 2. Key words should be reduced to 5 I suggest Fluidized bed, Pressure drop, Fluidization velocity, Distribution plate, Particle size. Please delete others 3. Comment number 1 occurred throughout the entire manuscript. Those found are listed here. Lines 33,45,48,49,62,63,64,65,66,72,73,74,81,88 ,91,93,95, 105,109,110,124,242,241,244,260,266313, 314,318,319,320,341,342,344,346,373,374, 379,380, 382 among others 4. The Equipment description section is too lengthy. Reduce 5. Is the Equipment fabricated? What are the design specifications? 6. Check lines 222 and 237 for typos l 50 and l O mm stands for what? 7. Please rewrite equation 7 page 11 8. How did you obtain C_1 and C_2 in Equation 10, lines 299 and 300? 9. Error in line 305. Is it 1 0 or "to"? 10. Error in line 396. Is it "coarse"? 11. Figure 7 pages 24 cannot be combined as it is. Rather, plot the graph of Pressure drop of each plate at various distances. You may wish to check how Figures 9 and 10 were plotted for assistance. | |



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| | <p>12. How was the location P1, P2, P3 P4 chosen? Provide explanation as it is vital to the subject discuss.</p> <p>13. How did you arrive at values of fluidizing velocities? The present values are arbitrary and it is not acceptable.</p> <p>14. Please specify the plotted points on x-axis of Figure 12 and not P1, P2, P3 P4.</p> <p>15. Some of the references used are quite obsolete, for example 1997,1999,1976,1977, 1983 1980.....among others.</p> <p>IF THE ABOVE OBSERVATIONS OR QUESTIONS ARE ADEQUATELY MODIFIED OR RESPONDED TO, IT WILL ENRICH THE QUALITY OF THE MANUSCRIPT.</p> | |
| Minor REVISION comments | | |
| Optional/General comments | | |

Reviewer Details:

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| Name: | Anonymous |
| Department, University & Country | Federal University of Technology, Nigeria |