

Review Form 3

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| Journal Name: | Asian Journal of Physical and Chemical Sciences |
| Manuscript Number: | Ms_AJOPACS_121426 |
| Title of the Manuscript: | Study and Sizing of Centrifugal Pumps: The Case of SOMAİR's 2013 Pumps |
| Type of the Article | |

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|--|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | I am interested in the contents of this manuscript. It presented the design and sizing of centrifugal pumps. However, is version 2013; thus, is there any new one now that there are more advantages? Because this one is used at the Société des Mines de l'air. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title of this manuscript is suitable. | |
| 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. | In the abstract: if these pumps are used at the Société des Mines de l'air. This is a lack of novelty in the manuscript because over 10 years, the type of other pumps might be used and replaced for your pumps here. You need to add the meaning of what purpose this fabrication serves. Future development direction? | |
| Are subsections and structure of the manuscript appropriate? | The subsections and structure of the manuscript are not appropriate. These contents look like a technological report. Need to add a map of the study area's location as you described in the manuscript. You need to restructure the results and discussion section. The results should be presented briefly, and tables may be used to represent the results. Here, I haven't seen any discussion being brought up? Formulas included in calculations should be cited as reference sources. Please see more comments in the manuscript. | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | For a scientific article, I think this manuscript should be rewritten in the results and discussion section. I don't see any scope for discussing the design results. There should be citations and checking for duplication | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | References included in the article are mainly cited in the introduction. They are complete and new but need additional information, such as DOI number (if possible), publisher, page number,... | |
| Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? | Suitable! | |
| Optional/General comments | Major revision! | |

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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> | |

Reviewer Details:

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|----------------------------------|--|
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