

### Review Form 3

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|--------------------------|--|
| Journal Name:            | <a href="#">Journal of Energy Research and Reviews</a>   |
| Manuscript Number:       | Ms_JENRR_125856  |
| Title of the Manuscript: | THERMODYNAMIC ANALYSIS OF TWO-STAGE VAPOUR COMPRESSION REFRIGERATION SYSTEMS USING ECO-FRIENDLY REFRIGERANTS |
| Type of the Article      | RESEARCH 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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#### **Important Policies Regarding Peer Review**

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#### PART 1: Review Comments

| <b>Compulsory</b> REVISION comments  | <b>Reviewer's comment</b>  | <b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--|--|---|
| <b>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.</b>                        | <ul style="list-style-type: none"> <li>• Use Eco –Friendly refrigerant is very useful for Ozone Layer Depletion and Environmental aspect.</li> <li>• Use multistage of refrigeration cycle is also increase the capacity of refrigeration.</li> <li>• Present Demand of Nature.</li> </ul>   |   |
| <b>Is the title of the article suitable? (If not please suggest an alternative title)</b>  | YES  |   |
| <b>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.</b>   | <ul style="list-style-type: none"> <li>• Always used full form not symbol or short cut like <math>\dot{m}</math>, used mass flow rate.</li> <li>• Shows Place where experiment is perform in Nigeria country.</li> <li>• Result found from experiment or by Software, compare the existing result available in present condition.</li> </ul> |   |
| <b>Are subsections and structure of the manuscript appropriate?</b>  | Yes  |   |
| <b>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.</b> | <ul style="list-style-type: none"> <li>• Figure 1 and 2 made by proper software.</li> <li>• Graphs also made by correct way where different words are mismatch.</li> <li>• Improve printing mistake.</li> </ul>  |   |
| <b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>   | <ul style="list-style-type: none"> <li>• All References show by slandered format same type page no, volume, Journal Name etc.</li> <li>• Some References add in list where ammonia used as refrigerant.</li> <li>•</li> </ul>  |   |
| <b>Minor</b> REVISION comments   |  |   |
| <b>Is the language/English quality of the article suitable for scholarly communications?</b>   | <ul style="list-style-type: none"> <li>• Minor Improve</li> </ul>  |   |
| <b>Optional/General</b> comments   | <ul style="list-style-type: none"> <li>• Used all Coloured diagram.</li> </ul>   |   |

#### PART 2:

|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> (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) |
|---|--|--|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |

#### Reviewer Details:

|                                  |                               |
|----------------------------------|-------------------------------|
| Name:                            | <b>Sohail Bux</b>             |
| Department, University & Country | <b>Rkdf University, India</b> |