

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_119904
Title of the Manuscript:	THREE-DIMENSIONAL NUMERICAL MODELLING AND SIMULATION OF BIOMASS COMBUSTION STEAM GENERATION BOILER HEAT EXCHANGER
Type of the Article	Original Research Article

Review Form 1.7

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><u>Compulsory</u> 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>YES</p> <p>YES</p> <p>NO</p> <p>YES</p> <p>NO insufficient</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Need to do proof reading</p>	
<p><u>Optional/General</u> comments</p>	<p>1. Outcome of the research/ findings not reflected in the abstract.</p> <p>2. There is no connection between the need for the study and objective in the abstract</p> <p>3. Bomass can satisfy the SDG why did not highlight that...</p> <p>4. 2021 – 2024 no literature referred hence the Literature review to be updated</p> <p>5. In materials the software description not given</p> <p>6. Why write 120.7 [mm] it can directly 120.7 mm or add one column as units</p> <p>7. Number of baffles it must be end as 2 and 5 Nos.</p> <p>8. Table 1 not cited in the text</p> <p>9. In numerical design if the equation is referred from any literature, the article citation is a must</p> <p>10. Equations must be cited in the Text</p> <p>11. How did you validate your simulation model??</p> <p>12. How did you verify your outcomes?</p> <p>13. Any possibilities for further extension of this research</p>	

Review Form 1.7

	14. State the limitation involved in this research.	
--	---	--

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:

Name:	R. Saravanan
Department, University & Country	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, India