

Review Form 1.7

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_114720
Title of the Manuscript:	Design and Simulation of a Shell and Tube Heat Exchanger for a Pyrolysis Reactor
Type of the Article	Original Research Article

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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. In this study, author developed heat exchanger for optimum condensation of volatile vapor (pyro-gas) exiting in a reactor during pyrolysis process. He showed that the designed heat exchanger can be developed and used for the existing reactor for efficient and effective condensation for improved bio-oil yield. 2. The title of the article is suitable. 3. The abstract of the manuscript is comprehensive. 4. Subsections and structure of the manuscript are appropriate. 5. In view of the approach and the results obtained, the manuscript is scientifically correct. 6. References are good. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	English quality of the article is suitable for scholarly communications.	
<p>Optional/General comments</p>		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

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