

## Review Form 1.7

Journal Name:	<b>Journal of Materials Science Research and Reviews</b>
Manuscript Number:	<b>Ms_JMSRR_100469</b>
Title of the Manuscript:	<b>Computational Fluid Dynamics of Air in Forced Draft Counter Flow Wet Cooling Tower: Using Comsol Multi-Physics.</b>
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:

(<https://journaljmsrr.com/index.php/JMSRR/editorial-policy> )

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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)</b>
<p><b>Compulsory</b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The paper is interesting with several important conclusions and recommended for the publication. This paper is related to the CFD analysis of the wet Cooling Tower using Comsol Multi-Physics technique. Title gives an idea about content of the manuscript and authors also try to briefly explain in the abstract. However, it is better to revise the paper with respect to following aspects;</p> <ol style="list-style-type: none"> <li>1. Add more few recent references that use the Comsol Multi-physics on same application or no different applications.</li> <li>2. Remove the line spacing before introduction, also remove before starting of paragraph on page no 2</li> <li>3. As author write the unit of temperature, percentage, etc. in square bracket, mention separately from square bracket.</li> <li>4. Use the temperature (<math>\square</math>) symbol properly in the manuscript.</li> <li>5. Representation of the equation is not appropriate, equation should be properly centered and numbering at right margin of the paper.</li> <li>6. Manuscript should write with fixed font and their size, it is recommended to take fixed font and size in table, figure naming also.</li> <li>7. Explanation of the figures should be centered.</li> <li>8. Remove the line spacing in the references.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	Minor revision.	
<b>Optional/General</b> comments		

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**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:**

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