

## Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_109241
Title of the Manuscript:	Design and analysis of underwater double-layer ballast tank prepared with different materials
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><b>Compulsory</b> 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>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>It is an interesting manuscript about ballast tanks based on different materials. It is an interesting theme and it merits to be published. So, please consider the following comments and suggestions: i) in the title or abstract should be added some keyword to provide the dimension of the system under study or development. ii) In the introduction as well should be more clear the dimension of the technology. Mention sizes, dimensions for functions. And as well in the objectives. iii) in the section of results should be incorporated schema with sizes. For example add lengths in Fig. 1. iv) add fig captions and missing details fir interpretation. V) In the section of results, please clarify the part where it is shown the image of the real material shown about this part it is the material evaluated? Add more explanations and details. It merits to add more information in order to correlate them with the theoretical calculations. Vi) Revise conclusions and add details related with previous comments. Mybe as well it could be added more references to compare with other materials related highlighting the design achieved.</p>	

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**PART 2:**

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

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