

**Review Form 1.7**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_119939</b>
Title of the Manuscript:	<b>PERFORMANCE EVALUATION OF THERMAL AND ACID-ACTIVATED SMECTITE IN BLEACHING PALM OIL</b>
Type of the Article	<b>PERFORMANCE EVALUATION OF THERMAL AND ACID-ACTIVATED SMECTITE IN BLEACHING PALM OIL</b>

## 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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>The manuscript is important for the scientific community, particularly in the fields of materials science and environmental chemistry. By demonstrating that thermal and chemical activation can significantly enhance the adsorptive properties of smectite from Ubulu-uku, the study provides valuable insights into improving local clay minerals' efficiency for industrial applications, such as oil bleaching. The detailed analysis of physicochemical properties and the comparison between thermal and acid treatments offer a comprehensive understanding of the mechanisms behind the enhanced performance, which can inform future research and practical applications in various industries.</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. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> 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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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