

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_ JERR_122893
Title of the Manuscript:	IMPACT OF WIND SPEED ON VIBRATION LEVELS IN WATER COOLING SYSTEMS
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>In this work, authors explore the impact of wind speed and structural vibration on water cooling systems in oil plants by collecting data from typical sensors placed in critical points and at different heights and locations on cooling towers. The collected data analysis reveals a noticeable correlation between increasing wind speed and elevated vibration levels, highlighting the significant impact of wind-induced forces on structural dynamics.</p> <p>However, their work does not seem promising, and it needs a revision. By carefully reading, I believe that a major revision should be done before the publication.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<ol style="list-style-type: none"> 1. I noticed some repeated ideas in the introduction and problem statement. I suggest avoiding them. 2. You have to add the cooling tower specifications such as dimensions, ... 3. In the "Problem solving" section, indicate the method by which the wind effect was isolated from the collected data. 4. In fig.5 the axis labels are too small you have to enlarge them. 5. In the vibration model equation, you have to add the numerical value of the coefficients (β_0, β_1, ϵ) relative to the case 	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>		
<p>Are subsections and structure of the manuscript appropriate?</p>		
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>		
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>		

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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>	

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