

Review Form 1.7

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_119263
Title of the Manuscript:	Accident Investigation using Event Tree Analysis, Root Cause Analysis and Threat Zone Determination Using ALOHA Software: A Case Study of Styrene Gas Vapour Release at Vishakapattinam
Type of the Article	Research

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> <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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The manuscript is indeed significant to the scientific community. Given that the study focuses on chemical factories, which are crucial to the nation's development, appropriate safety precautions must be taken to safeguard the public in the surrounding area.</p> <p>The title could be modified. Example: Examining the "Vizag Styrene Gas Leak" using Event Tree Analysis, Root Cause Analysis and Threat Zone Determination Using ALOHA Software</p> <p>Yes</p> <p>Yes</p> <p>I believe it is scientifically correct</p> <p>Out of 19 references, 10 were recent. Reference number 13 could be clear. Year is missing in reference number 9.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, it is suitable except the following lines (under the heading 4.Consequences Détermination using Event Tree Analysis (ETA)): ETA provides a structured approach to understanding the potential consequences of accidental events, allowing organizations to identify and mitigate risks effectively</p>	
<p>Optional/General comments</p>	<p>Everything was fine, but in conclusion part it is mentioned as the impact of lockdown. But the manuscript doesn't speak about the impact of lockdown anywhere except the conclusion.</p>	

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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>	

Reviewer Details:

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