ISSN: 2320-5407

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-59655

Title: Digital Twin-Based Performance Testing and Optimization of Advanced Fire Suppression Equipment for Saudi Industrial EPC Projects.

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance		✓		

Reviewer Id: JPR-397

Reviewer's Comment for Publication.

The manuscript addresses a relevant and innovative topic by exploring the application of digital twins in fire suppression equipment performance testing and optimization. The review is well-organized, technically informative, and demonstrates a clear understanding of equipment validation, uncertainty assessment, and safety requirements. However, minor revisions are required to improve grammatical accuracy, sentence structure, and consistency in technical terminology. The review methodology and evidence selection criteria should also be clarified, and the references should be carefully checked for accuracy and completeness. Overall, the manuscript is valuable and suitable for publication after minor revision.