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REVIEWER'S REPORT

Manuscript No.: IJAR- 56063

Title: Effect of the particle size distribution on the heat transfer mechanisms and the heat storage capacity in ceramic inserts made by alkaline activation

Recommendation:

Accept as it is .....

Accept after minor revision.....Yes.....

Accept after major revision .....

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

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

Reviewer Name: Dr Bharti Bisht

Detailed Reviewer's Report

The manuscript presents solid and relevant experimental work on alkali-activated ceramic inserts, with clear applicability to energy-efficient cooking systems and sustainable materials research. Abstract is missing. The study shows good technical soundness and meaningful results linking particle size distribution to thermal storage and heat transfer performance. The conclusions are well supported by the experimental data. The recommended minor revisions are primarily related to language polishing, reduction of redundancy, and formatting improvements, and do not affect the scientific merit of the work. Overall, the manuscript is suitable for publication in IJAR after minor revision.