

UMUDIKE JOURNAL OF ENGINEERING AND TECHNOLOGY (UJET)

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MANUSCRIPT EVALUATION FORM

Reviewer's Information

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Manuscript Information

- i. Manuscript Ref No:
- ii. Manuscript Title: *Sand-Crushed Waste Glass Blended Fine Aggregates in Concrete: Waste Management Approach for Waste Glass*
- iii. Date Received by Reviewer: 09-March-2021

Comments

Please rate the following: (1=Excellent) (2= Good) (3= Fair) (4= Poor)

- i. Originality
- ii. Contribution to the field
- iii. Technical quality
- iv. Clarity of presentation
- v. Depth of research

Specific Comments

The manuscript in the title of "Sand-Crushed Waste Glass Blended Fine Aggregates in Concrete: Waste Management Approach for Waste Glass" highlights an interesting idea of using waste as an alternative construction material, which beneficial to environmental issues. However, quite a few problems need to be resolved before it can be considered for publication.

i. **Title**

The title is not really appropriate. It should be consistent with the main technical contents of the work (paper). The paper aims at evaluating "sand-CWG Concrete" behavior, so the Author(s) are suggested to adjust the title.

ii. **Abstract**

The abstract is concise, and is a true summary of the exercise

iii. **Introduction**

- Introduction seems to be overlong. The author(s) need to condense the introduction and focus on the issues directly related to this work.

iv. **Materials/Methods**

- A flowchart to illustrate the overall test program and specific tests were conducted in this study are suggested. Mentioning the name of the cement market is not necessary.
- Ways of curing concrete samples should be explained

v. **Results**

- The results were well presented in tables and graphs, quite well streamlined and organized. However, the data are showed in the tables 2, 3 should be presented in graphs.
- Unit of Average density in table 4 is missing.

vi. **Discussion**

- Discussions are in order, however, the author(s) are suggested to analyze and explain the results more ?

vii. **References**

- The author(s) presented sufficient references lists and well written

General Comments

(The Comments you make here will serve to guide the Editorial Board so as to take the right decision concerning this manuscript)

The paper concerns with the concrete improvement using waste (crushed waste glass) as an alternative construction material, that can be practically useful, beneficial to environmental issues. However, this manuscript cannot be accepted for a possible publication with the present format and needs to be revised before it can be accepted.

Recommendation: Kindly mark X in one of the boxes below.

- i. Publish as it is
- ii. Publish after minor revision
- iii. Publish after major revision
- iv. Reject

Signature and Date
Hanoi, 13-March, 2021


Duc, Bui Van