

Manuscript: “**Caracterización Térmica De Vidrios Con Recubrimientos Metálicos**”

**Submitted: 26 April 2021**

**Accepted: 29 May 2021**

**Published: 30 June 2021**

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Doi:10.19044/esj.2021.v17n21p305

Peer review:

**Reviewer 1:** Blinded

**Reviewer 2:** Karla María Aguilar Castro, Universidad Juárez Autónoma de Tabasco

**Reviewer 3:** Omar Dominguez Ramirez, Hidalgo State University, Mexico

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- Yes
- No

You approve, this review report is available in the "review history" of the paper:

\*

- Yes
- No

**The TITLE is clear and it is adequate to the content of the article.**

\*

*(Please insert your comments)*

The title is adequate.

**The ABSTRACT clearly presents objects, methods, and results.**

\*

*(Please insert your comments)*

The abstract describes the objective and method adequately. However, it is not enough to describe results since in the sentence "Los resultados de la evaluación ..." it is not clear which parameter refers to like U or CGCS, or both.

**There are a few grammatical errors and spelling mistakes in this article.**

*(Please insert your comments)*

There is not grammatical errors and spelling mistakes.

**The study METHODS are explained clearly.**

\*

*(Please insert your comments)*

Some suggestions are made to improve the "Materiales y Métodos" sections.

- In the unique paragraph of the "Calorímetro solar" section, it is suggested to rewrite the sentence "... el cual considera para su construcción e instrumentación los aspectos reportados en la norma de NFRC-201-2014" by "... para el cual se consideró la norma NFRC-201-2014 para su construcción e instrumentación".
- Include the meaning of term "AM" in Equation 2.
- Include the meaning of "FEM" in the last paragraph of the "Determinación del U y del CGCS" section.

**The body of the paper is clear and does not contain errors.**

\*

(Please insert your comments)

There is not grammatical errors and spelling mistakes. However, there are some inconsistencies of the mathematical term used "(Text-Tint)" in the section "Resultados y Discusión" since in the Equation 2 and 3 the parameters were inverted.

The meaning of "PM" of the Figures 3 and 4 is not described in the discussion.

**The CONCLUSION or summary is accurate and supported by the content.**

\*

(Please insert your comments)

The Conclusion is clear, accurate and describe all main features of the study. There is not grammatical errors and spelling mistakes.

**The list of REFERENCES is comprehensive and appropriate.**

\*

Each in-text citation has to be included in the list of references and vice versa.

(Please insert your comments)

The list of References is appropriate and comprehensive. Each in-text citation is included in the list of reference.

***Please rate the TITLE of this paper.***

[Poor] **1-5** [Excellent]

\*

- 1
- 2
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- 5

***Please rate the ABSTRACT of this paper.***

[Poor] **1-5** [Excellent]

\*

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***Please rate the LANGUAGE of this paper.***

[Poor] **1-5** [Excellent]

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***Please rate the METHODS of this paper.***

[Poor] 1-5 [Excellent]

\*

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***Please rate the BODY of this paper.***

[Poor] 1-5 [Excellent]

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***Please rate the CONCLUSION of this paper.***

[Poor] 1-5 [Excellent]

\*

- 1
- 2
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***Please rate the REFERENCES of this paper.***

[Poor] 1-5 [Excellent]

\*

- 1
- 2
- 3
- 4
- 5

**Overall Recommendation!!!**

\*

- Accepted, no revision needed
- Accepted, minor revision needed
- Return for major revision and resubmission
- Reject

**Comments and Suggestions to the Author(s):**

The comments and suggestions mentioned previously are included inside the draft.

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- No

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- Yes
- No

You approve, this review report is available in the "review history" of the paper:

\*

- Yes
- No

**The TITLE is clear and it is adequate to the content of the article.**

\*

*(Please insert your comments)*

The title of the article, and the content are congruent; However, in the title it is possible to consider the purpose related to the environmental and economic impact.

**The ABSTRACT clearly presents objects, methods, and results.**

\*

*(Please insert your comments)*

The abstract considers purpose, tools and materials; as well as a brief description of the results and scope. In reference to keywords: U and CGCS are acronyms, but not keywords; I suggest using the full keyword.

**There are a few grammatical errors and spelling mistakes in this article.**

*(Please insert your comments)*

The paper has an adequate wording in the linguistics of spanish.

**The study METHODS are explained clearly.**

\*

*(Please insert your comments)*

It is not clear that the experimental validation is under the same conditions (instrumentation), for clear glass, and for glass with metallic coating. Since they must be with the same solar radiation conditions, zenith and azimuthal angles, etc; and they have only one solar calorimeter. On the other hand, it is important to include a section with the technical specifications of the instrumentation platform; since this defines the quality of the measurement.

**The body of the paper is clear and does not contain errors.**

\*

(Please insert your comments)

In reference to keywords: U and CGCS are acronyms, but not keywords; I suggest using the full keyword. A suggested section of technical specifications of the instrumentation platform.

**The CONCLUSION or summary is accurate and supported by the content.**

\*

(Please insert your comments)

The result is interesting. The difference in thermal properties were not significant. The authors suggest changes in concentration and coating layers; but they do not define how. The future work section could clarify this important conclusion.

**The list of REFERENCES is comprehensive and appropriate.**

\*

Each in-text citation has to be included in the list of references and vice versa.

(Please insert your comments)

Ok

***Please rate the TITLE of this paper.***

[Poor] 1-5 [Excellent]

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- 1
- 2
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***Please rate the ABSTRACT of this paper.***

[Poor] 1-5 [Excellent]

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- 1
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***Please rate the LANGUAGE of this paper.***

[Poor] 1-5 [Excellent]

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- 1
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***Please rate the METHODS of this paper.***

[Poor] 1-5 [Excellent]

\*

- 1
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***Please rate the BODY of this paper.***

[Poor] 1-5 [Excellent]

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- 1
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***Please rate the CONCLUSION of this paper.***

[Poor] 1-5 [Excellent]

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***Please rate the REFERENCES of this paper.***

[Poor] 1-5 [Excellent]

\*

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- 5

**Overall Recommendation!!!**

\*

- Accepted, no revision needed
- Accepted, minor revision needed
- Return for major revision and resubmission
- Reject

**Comments and Suggestions to the Author(s):**