



**SDI Review Form 1.6**

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|--------------------------|-------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">British Journal of Applied Science &amp; Technology</a>                             |
| Manuscript Number:       | <b>Ms_BJAST_26169</b>                                                                           |
| Title of the Manuscript: | <b>Conversion of CO<sub>2</sub> to CH<sub>4</sub> by a pulsed hydrogen plasma shower method</b> |
| Type of the Article      | <b>Original Research Article</b>                                                                |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**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)                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <b>Correct marked text and / or figures according to the attached corrected manuscript.</b> | <p>Replies to the reviewer:</p> <p>1. Alpha <math>\alpha</math> is already used as a decomposition ratio in equation (3) and is not a species of molecules. The notation "a" might be confused with "<math>\alpha</math>". Therefore, we use x instead of a. The sentence "Here, [a] denotes amount of a, ..." was changed to "Here, [x] denotes amount of x ...".</p> <p>2. All figures from Fig2. 2 to 7 are enlarged by 50 % or more.</p> <p>We hope our replies are satisfactory to the reviewers and the paper is accepted for publication.</p> |
| <b><u>Minor</u></b> REVISION comments      |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b><u>Optional/General</u></b> comments    |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |