

Review Form 1.6

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| Journal Name: | Journal of Materials Science Research and Reviews |
| Manuscript Number: | Ms_JMSRR_84598 |
| Title of the Manuscript: | Gravimetric corrosion tests and surface analysis of SUS 310S in model seawater |
| Type of the Article | Original Research Article |

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:

(<https://journaljmsrr.com/index.php/JMSRR/editorial-policy>)

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) |
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| <u>Compulsory</u> REVISION comments | The sem images and gravimetric tests surface results images are not clear. Please use image software to understand more. | Authors are very much thankful to reviewer for this comment. Authors have tried to add clearer images in the revised manuscript according to the reviewer's comment. |
| <u>Minor</u> REVISION comments | Explanation is okay. But it will be better to show layer formation by putting or showing addition or deletion of ions. | Thank you very much for this comment. Authors are tried to visualize the corrosion scenario by schematic drawing (Fig. 7 and Fig. 8) according to the experimental results. |
| <u>Optional/General</u> comments | References need to be checked again. | References have been modified according to the reviewer comment in the revised manuscript. |

PART 2:

| | 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) |
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| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | No |