

Review Form 1.7

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_115089
Title of the Manuscript:	Atmospheric Corrosion of Al-Zn Coated Steel Sheets Exposed under Marine Environments in Kenya
Type of the Article	Original Research Article

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community?</p> <p>2. Is the title of the article suitable?</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>"The work presents an on-site study on atmospheric corrosion, testing different coating masses and comparing two locations with different meteorological characteristics. Therefore, I see relevance in the presented work."</p> <p>It is OK</p> <p>Need revision.</p> <p>Yes Yes Need 1 more reference</p> <p>In the abstract, omit the part about EDX, as it was not mentioned in the study. Rewrite the sentence ", while corrosion rate was determined by weight loss method using Energy-Dispersive X-ray spectroscopy (EDX)."</p> <p>Please add a reference to support your hypothesis in this sentence (result 3.1) "The trend could be attributed to formation of a protective film slowing down corrosion."</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications? Yes</p>	Just need one correction. 2.1 Experimental procedure – replace “we” for impersonal speech	
<p>Optional/General comments</p>	<p>Is it a commercial alloy? If yes, describe, if no, inform how did you get de composition.</p> <p>In 3.2 Corrosion results at Diani site – Is it absorbed? Or adsorbed?</p> <p>Table 1 – put every corrosion rate in the same unit.</p> <p>Figure 5 – identify with (A), (B), (C) the samples</p>	

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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Review Form 1.7

Reviewer Details:

Name:	Tobias Eduardo Schmitzhaus
Department, University & Country	Federal Institute of Mato Grosso do Sul, Brazil