



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_12624
Title of the Manuscript:	Dry Sliding Wear Behaviour of Plasma Sprayed Fly Ash Added Red Mud Coatings
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:

(<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)
<u>Compulsory</u> REVISION comments	<ol style="list-style-type: none"> 1. Improve language and formatting 2. There are many irrelevant statements (ex: line 110-The versatility of the.... to study; line 153- Volume of interest...of porosity; etc) 3. Line 128-EDS is not for microstructural analysis, it is for chemical analysis. 4. Line 225-Mass loss in newton-generally mass loss is in grams. This has continued in estimation of wear loss. This is repeated a few times. 5. Line 225- wear rate after 6 minutes of sliding is given as 0.13. In figure 5a-corresponding number is 0.25 6. Except for wear studies, samples with 50-50 ratio is not used. Why? Atleast porosity measurements could have been done. 7. In wear study conclusions many things are related to gradient in microstructures. Question is whether all regions are exposed to the counter disc. If so, the coating is completely worn out after 30 minutes of study. The argument is not clear. 8. The paper presents mostly data, without correlation between them. 9. Conclusion is mostly directions for future work given without sound logic or experimental support. 	



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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