



**SDI Review Form 1.6**

Journal Name:	<a href="#">Chemical Science International Journal</a>
Manuscript Number:	<b>Ms_CSIJ_46032</b>
Title of the Manuscript:	<b>Sequential leaching of V from heavy fuel oil fly ash generated from Saudi Arabian thermal power plants and analytical applications: Kinetics and thermodynamics characteristics of V leaching</b>
Type of the 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>)



**SDI Review Form 1.6**

**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>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. In the introduction. To distinguish heavy oil fly ash from coal fly ash I suggested authors to use different abbreviations such as HOFA for heavy oil fly ash and CFA for coal fly ash. Also include some descriptions about the hazard of Ni, Pb and V.</li> <li>2. section 2.2 "Deionized Water" to be corrected as "Deionized water".</li> <li>3. Section 2. please describe brief how the heavy oil FA sample was collected.</li> <li>4. Typo under equation 1. "fly ah sample"</li> <li>5. Once authors start using an abbreviation for e.g fly ash as FA, don't switch back to the full term "fly ash". Rules and using abbreviation. Abbreviations that are defined in the abstract will need to be defined again at first use in the main text. Terms that are already defined should not be redefined again otherwise it is a duplication of effort. And once you defined a term, avoid switching back to the full term; otherwise it is pointless to define them in the first place.</li> <li>6. duplicated numbering of heading. "2.3.2", please avoid using numbering to 4 level. 2.3.2.1 to 2.3.2.3 are repetitive and can be summarised more concisely into one paragraph.</li> <li>7. Section 3.2. Is this an error "[33-3780-83]," or a citation?</li> <li>8. Authors use "h" as unit for hour. Avoid switching to "hour" in the middle of the manuscript. Please correct and maintain consistency in word usage.</li> <li>9. It is the same with the heavy metal as authors started in the introduction with V, Fe and Ni, but in the middle of the paper, authors switched back to full term Vanadium., iron etc.</li> <li>10. Error: "<math>\mu\text{mole g}^{-1}</math>" and "<math>\mu\text{mole g}^{-1} \text{ h}^{-1/2}</math>". The standard unit for mole is "mol". Please correct for the rest of the manuscript.,</li> <li>11. Wrong journal name for ref 41. S. Lagergren. About the theory of so called adsorption of soluble substances, Kungliga Svenska Vetenskapsakademiens Handlingar, 24, (1898) 1-39.</li> <li>12. The parameter <math>K_{\text{Lager}}</math> should be written as <math>K_1</math>. (pseudo first order)</li> <li>13. Section 3.5. Please check potential errors. Bismuth? Figs. 56-58 and Figs 59-61, ?Why reference 93? Please recheck and correct</li> <li>14. Section 3.5 The abbreviation "PUFs" is not defined.</li> <li>15. Section 3.8.1 fig 63? Recheck.</li> <li>16. What is "CPs". It was not defined.</li> </ol>	



SDI Review Form 1.6

<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	<b>GENERAL</b> comments. Many inconsistencies and minor errors. Fixing them will make the quality of your manuscript much better.	

**PART 2:**

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

**Reviewer Details:**

Name:	<b><i>Muhammad Raziq Rahimi Kooh</i></b>
Department, University & Country	<b><i>Universiti Brunei Darussalam, Brunei</i></b>