



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_37905
Title of the Manuscript:	CHEMICAL PRECIPITATION OF NICKEL SPECIES FROM WASTE WATER
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)
Compulsory REVISION comments	<p>Abstract The opening sentence of the abstract should read <i>"In liquid-liquid and solid-liquid systems, it is possible to promote chemical precipitation of certain species by controlling the physicochemical conditions of the liquid media."</i></p> <p>The last line of the first paragraph should read <i>"where as for liquid-liquid system precipitation contributes to the removal (cleaning) of contaminated water (wastewater)".</i></p> <p>The last line of the third paragraph should read <i>"from these results, it is possible to propose a decontamination mechanism for wastewater containing nickel."</i></p> <p>Introduction Lines 23 - 26, should read <i>"knowing the physicochemical properties of liquid media which governs the interaction between solids and liquids such as: ionic strength (I), chemical activity (A) and activity coefficient (γ) facilitate the determination of electrochemical potential (e_h) through the equation proposed by Garrels (7) and reported by Escudero (8) in a previous work".</i></p> <p>Line 27, should read <i>"with the other parameters known, it is possible to plot or design a thermodynamic stability diagram..."</i></p> <p>Line 35 - 37, should read <i>"The experimental results also provide information regarding deposited species on mineral surfaces during milling which affect the behaviour of collectors during floatation,</i></p>	<p>Thanks for your kind comments</p> <p>All the valuable suggestions were taken under consideration and done.</p>



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	<p><i>therefore decreasing its metallurgical performance."</i></p> <p>Materials and Methods The names of reagents and their sources should be written, the speed of centrifuging machine should be stated. Finally, the names and models of instruments used for the work (XRD Centrifuging Machine and AAS) should be clearly stated in this section.</p> <p>Lines 44 - 45, The chemical used for adjusting or varying the pH of the reaction media should be clearly stated.</p> <p>Conclusion Line 125, should read "<i>The following conclusions are drawn</i>"</p> <p>Lines 128 - 130, should read "<i>The experimental results show a great concordance with the thermodynamic calculations in such a way that it is possible to design a cleaning procedure for water contaminated with Ni^{+2} through the route of chemical precipitation, crystallization and sedimentation.</i>"</p>	
Minor REVISION comments	The chemical symbol of Nickel Ion (Ni^{+2}) should be corrected all through the document.	
Optional/General comments		