



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_39200
Title of the Manuscript:	Optimization of the concentration polyethylene glycol (PEG) for the quality trivalent chromium electroplating
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>)

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	The authors report a technological study about the effect of polyethylene glycol (PEG) on the quality of Cr(III) electroplating. It is an interesting study for industry application. However, before publication some issues need to be correctly addressed, namely: The abstract needs to be fully rewritten. Please avoid writing in the first person. Introduction – Please update the references. The introduction does not reflect the actual state-of-the-art. The more recent reference is from more than 7 years ago. Results and discussion – Please relate your results with information already published.	We would like to give specials thanks to the reviewers for their valuable comments. Regarding abstract-, we re-write the abstract with meaningful sentences. I hope this abstract will meet the requirement of the reviewer. References are old and in this point, I agree with the respected reviewer. However, this electrochemical deposition work is quite old. Now a days, only a few groups conduct this kind of research and the number of publication is rare. Actually, we could not find the research work on the effect of PEG on chromium electroplating. We are sorry in this matter. I think the results and discussion is suitably related to each other. We separated the discussion part in order to describe the reason for decreasing the current efficiency and thickness and increase of optical reflectivity and corrosion resistivity with increasing the PEG concentration. We think that this discussion part could elaborate the possible reason of our obtained results and also could explain why we define best quality deposition.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		