



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_11946
Title of the Manuscript:	An Experimental Investigation of a Nanofluid ($\text{Al}_2\text{O}_3+\text{H}_2\text{O}$) Based Parabolic Trough Solar Collectors
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	1. The parameters in all equations should be well defined. 2. The calculation of the thermal efficiency should be given in detail. 3. The calculation of the heat transfer coefficient should also be given in detail. In the abstract, the heat transfer coefficient enhancement is 32%, but it becomes 34% in the conclusion section, and it is completely not mentioned in the results and discussion diction. The authors should prepare their manuscript more carefully. 4. English in this manuscript should be improved. For examples, "nonofluids" in the abstract should be "nanofluids". The express like "metallic liquids" and "nonmetallic liquids" is correctly used. The meaning of the sentence "Their results are MWCNT + Water nanofluid without surfactant for 0.4 wt. % nanofluid improves the efficiency of the collector as compared to water as the working fluid" is not clear. 5. The reviewer dose not understand why dye should be involved in the introduction section. It would make better sense if the authors introduce nanofluids containing some other oxide nanoparticles other than containing dye.	Thank you, for your valuable comments. As this is my first paper and your comments help me to improve my work.
Minor REVISION comments		
Optional/General comments		