



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_15466
Title of the Manuscript:	ANALYSIS OF STEAM POWER PLANT AT KADUNA REFINING AND PETROCHEMICAL COMPANY FROM EXERGETIC PERSPECTIVE
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.

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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	The analysis is elementary and its results are perplexing. No details are given about the process calculation assumptions. From Table 2, it appears that all the heat exchanging devices have an exergetic efficiency of 100%, which is clearly impossible. The Introduction is trivial, and ought to be completely rewritten, joining it with Background and making it more archival (we all know what energy is and how important its final conversion and dispatch are, but this is not the goal of the present analysis). Conclusions are not in line with the commonly accepted knowledge of similar analyses. The paper looks like a slightly revised version of an internal industrial report, and apparently contains irremediable errors.	
<u>Minor</u> REVISION comments	N/A	
<u>Optional/General</u> comments	N/A	

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