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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	**Original research**

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- Discussion part is too weak, and need more elaboration. It needs to discuss more about why exergy destruction is so high in boiler and also some discussion about the exergy destruction of condenser.**	Noted and corrected
Minor REVISION comments	1- Please include the main originality of the paper at the end of the introduction in a bullet form. 2- Literature review is not well-organized, and it doesn't include some recent papers about Exrgy analysis of steam turbine. I am trying to address some of them. • Thermodynamic analysis and thermoeconomic optimization of a dual pressure combined cycle power plant with a supplementary firing unit. 2011, Energy Conversion and Management52 (5), pp. 2296-2308. • Modelling and optimization of combined cycle power plant based on exergoeconomic and environmental analyses. Applied Thermal Engineering, 67, pp. 566-578. • Optimization and the effect of steam turbine outlet quality on the output power of a combined cycle power plant. 2015. 2011, Energy Conversion and Management 89, pp. 231-243. 3- First paragraph of section 2-2 needs to rewrite. And also more explanation is required.	1-This research work has not been carried out before. 2- Noted and corrected. 3- Noted and corrected

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Optional/General comments	1- Section 1-1 is not necessary or make it shorter. 2- Provide a reference for assumption. 3- Quality of figure 2 is not good and it needs to redraw. 4- Please define all the abbreviation in the text.	 4- Noted and corrected 3- Noted and corrected 4- They are all defined in the nomenclature