



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012/BJAST/2341
Title of the Manuscript:	CONDITION BASED MAINTENANCE OPTIMIZATION FOR FAULTY GEARBOX UNDER CONTINUOUS NOISE MONITORING.

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	The authors should give information about the level of background noise during the experiments and discuss the effect of the environmental conditions on the success of the proposed method. The conclusion section should start a brief summary of the work presented and the concluding remarks should follow it. Fig. 5 and Fig. 7 seem to be unnecessary or their format should be changed.	
<u>Optional/General</u> comments	The paper presents the results for determining the optimal maintenance strategy of a one-stage gear mechanism based on the experimental sound pressure levels. The results presented in the study compares the different maintenance strategies for both healthy and faulty gearbox. The results presented in this study have some merit for practical condition monitoring applications.	



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Reviewer Details:

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