



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	2014_CJAST_12078
Title of the Manuscript:	A STUDY OF ROOF FAILURES IN AND AROUND IBADAN, NIGERIA: CAUSES, EFFECTS AND REMEDY
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**', 缺乏创新 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 强制 that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	This paper carried out a random survey of the roof failure in Nigeria. The survey revealed the major types causes and measures of the roof failures in Nigeria. This research has practicability. But the roof conditions and the questionnaire haven't been written, and the data of the survey haven't been analyzed in detail, thus the conclusions are over simplified. If the paper is published, the following revisions should be done. 1. Abstract is too simple. The second and the third paragraphs in instruction are nonsense. I suggest that they should be deleted. 2. The three type failure (2.2~2.4)were not available in the paper, because the types of roof failures in the survey were not classified by this three type failures. I suggest that the sections 2.2~2.4 are deleted. 3. The survey roof were in Ibadan, so the environment of Ibandan should be given in detail, such as difference in temperature, rainfall, the length of rain season, wind load. The condition of the survey roof should be given, such as roof material, roof type and construction time. 4. The questionnaire should be given, what are your questions? Did you finish these calculations and tests as table 1 shown, such as "determination of overturning and resisting moment/ wind pressure and suction/the load bearing capacity of the joints,The dripping of water in the house"? 5. How did you get the six major causes of roof failures? Please use the survey data to explain. please explain these causes. what is material inadequacy? What is design error? what is the roof type? what is age and environment? Please give the survey data. in table 2, "engineer, carpenter and others" is expressed as design error, but the design by engineer is not always right and the design	



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	by others is not always wrong. I suggest that “engineer, carpenter and others” is modified as “detailed design, rough design and not design” 6. Section 4.4.0” effect of roof failure” should be modified in the introduction. Table4,5 should be explain these buildings’ roof type, location, material, age and environment, otherwise the percent of the cost of roof at the total cost is insignificant.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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