



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_15743
Title of the Manuscript:	ERGONOMIC EVALUATION OF POST BIOMECHANICAL EFFECTS OF LIFTING MAXIMUM LOADS USING MALE SUBJECTS
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	48: It is the science of designing facilities, work place and systems to enhance the health, safety and comfort of the people using them [3]. Is this a definition of biomechanics? If so then it is misplaced consider removing it since there is another definition already OR Find a way of marrying it to either line 35/36. 60: un-ergonomic [10; 11] and [6].When the maximum check your referencing style and spacing. Usually it should [6, 10, 11] 63: models. [10], [6] check referencing style. 110: 1.25(right thigh) and 1.24(left thigh) spacing 143: there is no gainsaying that spacing 146: This is because according to [13], a work posture involving elevated arms may accelerate degeneration of shoulder tendons through impairment of circulation due to static tension and humeral compression against the coracoacromial arch. Consider revising because it's the author you are quoting e.g in addition a work posture involving elevated arms may accelerate degeneration of shoulder tendons through impairment of circulation due to static tension and humeral compression against the coracoacromial arch 159: The results of this study show that the nature of the lifting task(s) and the body parts complement that particular task play a predominant role in the nature of body discomfort for that task. The sentence does not	The necessary change has been effected The correction has been adopted and effected The correction has been adopted and effected The correction has been adopted and effected The correction has been adopted and effected The correction has been adopted and effected The necessary change has been effected



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	sound right consider revising it. 175: It is also necessary to employ the procedures of Job severity Index (JSI) discussed in [14] when locating manual lifting tasks to employees in industries. Delete “discussed in [14]”	The necessary change has been effected
<u>Minor</u> REVISION comments	24: Manual material handling – such as lifting heavy loads still play an important role in the	effected
<u>Optional/General</u> comments	Table 3: you may consider to just have the cumulative % column and drop the % of variance	The authors wish to remove the table. The scree plot sufficiently shows that 8 principal factors were retained based on Kaisers rule of retaining factors.