



SDI Review Form 1.6

Journal Name	British Journal of Applied Science & Technology
Manuscript Number	2014_BJAST_10986
Title of the Manuscript	THE MECHANICAL AND PHYSICAL CHARACTERISTICS OF STEEL DUST BRICKS
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**', 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>)



SDI Review Form 1.6

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	Author(s) should explain the Homogeneity of elemental composition in each sample.	
<u>Minor</u> REVISION comments	a) Acceptable limit of Pb and Mn (in %) of the product sample, please mentioned in table 1. b) Please mention model of Veneer calliper in line no.127. c) Please mention in line 151, the way/process of identify the presence/absence of crack in the samples. d) The author(s) mentioned that sample F is useful for hotter zone. Please mention in the Apparent Porosity section that others are useful for what zone. e) Authors should explain in the Results and Discussion the use/function of these bricks. f) Authors should explain in the Results and Discussion which composition (mixture) of the prepared brick sample is the best.	(a) There is no need to include the limits of Pb and Mn in Table 1 as the table only show the constituents of the EAF steel dust used in this study. However, the limits of both oxides is about 5 wt % as found in literature. (d) Areas of application of results for other samples have not been known. (e) The applications of the bricks are stated in results and discussion section (f) Sample B with 15 wt % bentonite has superior properties and this is stated in the concluding section.



SDI Review Form 1.6

Are there ethical issues in this manuscript?	The manuscript contains scientific findings, which is technically sound.	