



SDI Review Form 1.6

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_53917
Title of the Manuscript:	EFFECT OF LIMESTONE ADDITION ON PHYSICO-CHEMICAL PROPERTIES OF CEMENT: A CASE STUDY OF PORTLAND CEMENT AND DANGOTE PORTLAND CEMENT, SOKOTO
Type of the 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>)

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	<p><i>T. Matschei et al./ Cement and Concrete Research 37 (2007) 551-558</i>, proposes in results section "<u>reactive</u>" vs "<u>filler</u>" calcite, this is the question. Calcite is reactive and alters the mineralogy of hydrated cement or calcite acts as inert filler.</p> <p>Limestone addition to Portland cement implies chemical interaction, the reactions results in changes in the mineralogical composition of hydrated cement that modifies the mechanical properties.</p> <p>Does the addition of calcium carbonate have a detrimental or beneficial impact?</p> <p>Results need to be discussed in detail</p> <p>Please read <i>S.Catinaud et al. / Cement and Concrete Research 30 (2000) 1961 -1968</i>, <i>J. Bizzozero, K.L. Scrivener / Cement and Concrete Research 76 (2015) 159-169</i> to enrich the results and discussion section (This section is scarce)</p> <p>I think it can be an interesting research for Nigerian scientific audience The weakness of the paper is its length</p>	
Minor REVISION comments	X-RAY ANALYSIS should be changed by XRF ANALYSIS	
Optional/General comments		



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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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