SDI Review Form 1.6

Journal Name:	**British Journal of Applied Science & Technology**
Manuscript Number:	**2014_BJAST_12171**
Title of the Manuscript:	**BASELINE MEASUREMENTS OF NATURAL RADIOACTIVITY IN SOIL SAMPLES FROM THE FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI, SOUTH-EAST, NIGERIA.**
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)*
Compulsory REVISION comments	The paper reports relavant natural radioactivity and dose assessment an important area around the Federal University of Technology, Owerri, Nigeria Some corrections should be done as follow In line 91-96 sentence of "A time of four weeks was allowed after packing and sealing to attain secular radioactive equilibrium between Ra-226 and its short-lived daughter products." Should be changed to "A time of four weeks was allowed after packing and sealing to attain secular radioactive equilibrium between Uranium, Thorium series and their short-lived daughter products." Energy calibration and relative efficiency calibration procedure is unclear. It should be added in "Materials and Methods" section Minimum Detectable Activity (MDA) is unclear. It should be added in "Materials and Methods" section There is no information about quality assurance procedure and certified referens materials. It should be summarized in "Materials and Methods" section	
Minor REVISION comments	A correction in line 42 should be done, changing radionucides by radionuclides	

SDI Review Form 1.6

Optional/General comments	Paper contains valuable knowledge of soil radioactivity and dose assessment about a specific location of Owerri, Nigeria. Generally be considered as valuable and rigorous study, although there are some shortcomings	

Reviewer Details:

Name:	**Anonymous**
Department, University & Country	**Cekmece Nuclear Research and Training Centre, Turkey**