



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_23128
Title of the Manuscript:	ANALYSIS AND CHARACTERIZATION OF SELECTED CLAY FROM SOUTH-WEST NIGERIA FOR CERAMIC FILTERS APPLICATION
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The authors did not enough review the literature on the subject of ceramic membranes production and their properties. The aim, which the authors proposed in this study, was studying the properties of clays from various deposits for their application in the field of microfiltration membranes. For the reading audiences of the Journal it is not obvious why clays can be used for these purposes. It is necessary to clarify the details. It should be clear from the Introduction part, which characteristics are the main and important for materials (clays) to be used for membrane production. Obviously, these parameters are porosity, flexural strength, water and thermal stability, etc. Please, specify. Afterwards, the authors can verify if the clays studied meet these requirements or not. The authors are advised to referrer to an extended list of scientific journals focused on membrane technology for water treatment.	For clarification purpose, we wish to state that this research is part of an ongoing work to produce not just a ceramic filter or membranes but a composite membrane in which clay is just a part of the composite, and it involved utilization of clays from Nigeria. In a view to determine the best clay that its properties suit this end, clays from the six geopolitical zone of Nigeria has to be collected, analyze, characterize etc in order to find a suitable candidate for this project. For the reading audiences, the authors intentions was to inform them, that these analysis and characterization is aim to wards ceramic filters application and not in other areas like refractory, kiln etc. The reviewers comments are very welcome and indicate his/her interest in this area of research, thou ceramic filters are our final destination, what we have done now is still in materials selection process research as results from other geopolitical location are article in press in some reputable journals which will all be available early 2016.