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Journal Name:	**American Chemical Science Journal**
Manuscript Number:	**2014_ACSj_11361**
Title of the Manuscript:	**MONITORING AND EVALUTION OF EXOTHERMS AS TROUBLE-SHOOTING PROCESSES IN POLYURETHANE FOAM MANUFACTURE**
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:

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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		
Minor REVISION comments	The manuscript refers to a monitoring and evolution of exotherms as temperature rises during forming process of polyurethane foams with using two types of polyols. The influence of foaming conditions and composition of foaming mixture on exotherms and foam properties have been investigated and explained. The paper contains novel, valuable information in the subject of foaming course. Nevertheless, there are same issues which required correction and explanations. In the scheme 1, the structure of product is incorrect. The linked chains do not correspond with the reacted propylene oxide. In Table 2, is was given that pH of CPO equals 10.25, what means that polyol has an alkaline character. On the other hand, the acid value of the polyol attains 1.16. In what way it can be explain? Furthermore, I consider that the way of the blow index determining should be described? Additionally, there are some punctuation errors and same mistakes in references, e.g. no 16.	Appreciated Accepted Not accepted: Acid value here refers to the amount of free fatty acid present in the polyols and not a measure of acidity or alkalinity. Accepted Accepted
Optional/General comments		