Accepted Manuscript

Estimation of fly ash reactivity for use in alkali-activated cements - A step towards sustainable building material and waste utilization

J. Shekhovtsova, I. Zhernovsky, M. Kovtun, N. Kozhukhova, I. Zhernovskaya, E. Kearsley

PII: S0959-6526(17)33264-X

DOI: 10.1016/j.jclepro.2017.12.270

Reference: JCLP 11665

To appear in: Journal of Cleaner Production

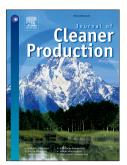
Received Date: 14 August 2017

Revised Date: 28 November 2017

Accepted Date: 30 December 2017

Please cite this article as: Shekhovtsova J, Zhernovsky I, Kovtun M, Kozhukhova N, Zhernovskaya I, Kearsley E, Estimation of fly ash reactivity for use in alkali-activated cements - A step towards sustainable building material and waste utilization, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2017.12.270.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

1	Word count (including the whole text file, tables and figure captions): 8047
2	
3	Estimation of fly ash reactivity for use in alkali-activated cements - a step towards sustainable building
4	material and waste utilization
5	
6	J Shekhovtsova ^{*a} , I Zhernovsky ^b , M Kovtun ^a , N Kozhukhova ^b , I Zhernovskaya ^c , E Kearsley ^a
7	
8	^a Department of Civil Engineering, Faculty of Engineering, Built Environment & IT, University of Pretoria,
9	South Africa
10	^b Department of Materials Science and Technology, Institute of Architecture and Construction, Belgorod State
11	Technological University named after VG Shukhov, Russia
12	^c Department of Higher Mathematics, Institute of Economics and Management, Belgorod State Technological
13	University named after VG Shukhov, Russia
14	
15	* Contact details of corresponding author
16	Julia Shekhovtsova
17	Tel.: +27 12 420 4179
18	Fax: +27 12 362 5218
19	Email: j.shekhovtsova@gmail.com
20	Department of Civil Engineering, University of Pretoria, Pretoria, 0002, South Africa
21	
22	
23	

Download English Version:

https://daneshyari.com/en/article/8098318

Download Persian Version:

https://daneshyari.com/article/8098318

Daneshyari.com