

## Accepted Manuscript

Title: Experimental Demonstration of Control Strategies for a Gas Switching Combustion Reactor for Power Production with Integrated CO<sub>2</sub> Capture

Author: Abdelghafour Zaabout Schalk Cloete Martin van Sint Annaland Fausto Gallucci Shahriar Amini



PII: S0263-8762(16)30090-9  
DOI: <http://dx.doi.org/doi:10.1016/j.cherd.2016.05.007>  
Reference: CHERD 2274

To appear in:

Received date: 2-11-2015  
Revised date: 4-4-2016  
Accepted date: 5-5-2016

Please cite this article as: Zaabout, A., Cloete, S., Annaland, M.S., Gallucci, F., Amini, S., Experimental Demonstration of Control Strategies for a Gas Switching Combustion Reactor for Power Production with Integrated CO<sub>2</sub> Capture, *Chemical Engineering Research and Design* (2016), <http://dx.doi.org/10.1016/j.cherd.2016.05.007>

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.

- 1 • Gas Switching Combustion Reactor for Power Production with Integrated CO<sub>2</sub>
- 2 Capture
- 3 • Implementation of operational control strategies
- 4 • Heat management strategies for minimizing the temperature variation across the redox
- 5 cycle
- 6
- 7

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/7006476>

Download Persian Version:

<https://daneshyari.com/article/7006476>

[Daneshyari.com](https://daneshyari.com)