Accepted Manuscript

Title: Degradation of Organic Compounds in Wastewater Matrix by Electrochemically Generated Reactive Chlorine Species: Kinetics and Selectivity

Authors: Chong Min Chung, Seok Won Hong, Kangwoo Cho, Michael R. Hoffmann



Please cite this article as: Chong Min Chung, Seok Won Hong, Kangwoo Cho, Michael R.Hoffmann, Degradation of Organic Compounds in Wastewater Matrix by Electrochemically Generated Reactive Chlorine Species: Kinetics and Selectivity, Catalysis Today https://doi.org/10.1016/j.cattod.2017.10.027

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

Degradation of Organic Compounds in Wastewater Matrix by Electrochemically Generated Reactive Chlorine Species: Kinetics and Selectivity

Chong Min Chung^a, Seok Won Hong^b, Kangwoo Cho,^{c,*} Michael R. Hoffmann^d

^a Facility team, Giheung Hwaseong Complex, Samsung Electronics Co., Ltd., Korea.

^b Center for Water Resource Cycle Research, Korea Institute of Science and Technology, P.O. Box 131, Cheongryang, Seoul 130-650, Korea.

^c Division of Environmental Science and Engineering, Pohang University of Science and Technology (POSTECH), Pohang 790-784, Korea.

^d Linde+Robinson Laboratories, California Institute of Technology, 1200 E. California Blvd., Pasadena, California 91125, USA.

*Corresponding Author at: Division of Environmental Science and Engineering, Pohang University of Science and Technology (POSTECH), Pohang 790-784, Korea *E-mail address*: kwcho1982@postech.ac.kr Download English Version:

https://daneshyari.com/en/article/6504190

Download Persian Version:

https://daneshyari.com/article/6504190

Daneshyari.com