Accepted Manuscript

Energy Use Analysis and Local Benchmarking of Manufacturing Lines

Hoda A. ElMaraghy, Director, Professor, Ayman M.A. Youssef, Senior Research Engineer, Ahmed M. Marzouk, PhD Student, Waguih H. ElMaraghy, Director, Professor

Cleaner Production

PII: S0959-6526(15)01850-8

DOI: 10.1016/j.jclepro.2015.12.026

Reference: JCLP 6498

To appear in: Journal of Cleaner Production

Received Date: 17 December 2014
Revised Date: 6 November 2015
Accepted Date: 14 December 2015

Please cite this article as: ElMaraghy HA, Youssef AMA, Marzouk AM, ElMaraghy WH, Energy Use Analysis and Local Benchmarking of Manufacturing Lines, *Journal of Cleaner Production* (2016), doi: 10.1016/j.jclepro.2015.12.026.

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

ENERGY USE ANALYSIS AND LOCAL BENCHMARKING OF MANUFACTURING LINES

Hoda A. ElMaraghy*

Canada Research Chair in Manufacturing Systems,
Director, Intelligent Manufacturing Systems Centre,
Professor, Industrial & Manufacturing Systems Engineering,
Centre for Engineering Innovation (CEI), University of Windsor
401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4
Tel: +1 (519) 253-3000 x 5034
hae@uwindsor.ca

Ayman M. A. Youssef

Senior Research Engineer, Intelligent Manufacturing Systems Centre Department of Industrial and Manufacturing Systems Engineering Centre for Engineering Innovation (CEI), University of Windsor 401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4 Tel: +1 (226) 975-5603 yousse5@uwindsor.ca

Ahmed M. Marzouk

PhD Student, Department of Industrial and Manufacturing Systems Engineering Centre for Engineering Innovation (CEI), University of Windsor 401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4 Tel: +1 (519) 253-3000 x 3436 marzouk@uwindsor.ca

Waguih H. ElMaraghy

Director, Intelligent Manufacturing Systems Centre, Professor, Industrial & Manufacturing Systems Engineering, Centre for Engineering Innovation (CEI), University of Windsor 401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4 Tel: +1 (519) 253-3000 x 5036 wem@uwindsor.ca

*Corresponding Author

Download English Version:

https://daneshyari.com/en/article/5479545

Download Persian Version:

https://daneshyari.com/article/5479545

<u>Daneshyari.com</u>