

## Accepted Manuscript

Flow and thermal mechanisms in a heat exchanger tube inserted with twisted cross-baffle turbulators

K. Nanan, C. Thianpong, M. Pimsarn, V. Chuwattanakul, S. Eiamsa-ard

PII: S1359-4311(16)33523-2

DOI: <http://dx.doi.org/10.1016/j.applthermaleng.2016.11.153>

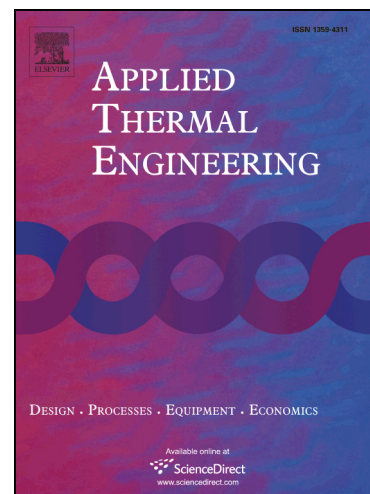
Reference: ATE 9564

To appear in: *Applied Thermal Engineering*

Received Date: 30 July 2016

Revised Date: 19 November 2016

Accepted Date: 21 November 2016



Please cite this article as: K. Nanan, C. Thianpong, M. Pimsarn, V. Chuwattanakul, S. Eiamsa-ard, Flow and thermal mechanisms in a heat exchanger tube inserted with twisted cross-baffle turbulators, *Applied Thermal Engineering* (2016), doi: <http://dx.doi.org/10.1016/j.applthermaleng.2016.11.153>

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.

# **Flow and thermal mechanisms in a heat exchanger tube inserted with twisted cross-baffle turbulators**

**K. Nanan**

Faculty of Industrial Technology, Phetchaburi Rajabhat University,

Phetchaburi 76000, Thailand

E-mail address: ae\_bew@hotmail.com

**C. Thianpong and M. Pimsarn**

Department of Mechanical Engineering, Faculty of Engineering

King Mongkut's Institute of Technology Ladkrabang, Bangkok 10520, Thailand

E-mail address: cthianpong@hotmail.com

E-mail address: monsakp@yahoo.com

**V. Chuwattanakul**

Department of Food Engineering, Faculty of Engineering

King Mongkut's Institute of Technology Ladkrabang, Bangkok 10520, Thailand

E-mail address: varesa06@hotmail.com

**S. Eiamsa-ard\***

Department of Mechanical Engineering, Faculty of Engineering,

Mahanakorn University of Technology, Bangkok 10530, Thailand

\*Corresponding author: E-mail addresses: smith@mut.ac.th

Download English Version:

<https://daneshyari.com/en/article/4991942>

Download Persian Version:

<https://daneshyari.com/article/4991942>

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