

Accepted Manuscript

Research Paper

Transient Heat Transfer Performance of Stainless Steel Structured Surfaces combined with Air-Water Spray Evaporative Cooling at High Temperature Scenarios

Muhammad Aamir, Liao Qiang, Wang Hong, Zhu Xun, Jiaqiu Wang, Muhammad Sajid

PII: S1359-4311(16)34421-0

DOI: <http://dx.doi.org/10.1016/j.applthermaleng.2016.12.126>

Reference: ATE 9746

To appear in: *Applied Thermal Engineering*

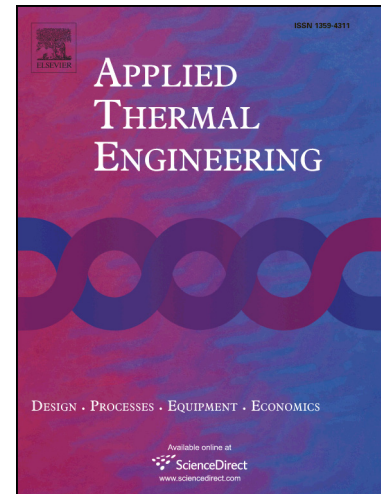
Received Date: 25 May 2016

Revised Date: 22 December 2016

Accepted Date: 27 December 2016

Please cite this article as: M. Aamir, L. Qiang, W. Hong, Z. Xun, J. Wang, M. Sajid, Transient Heat Transfer Performance of Stainless Steel Structured Surfaces combined with Air-Water Spray Evaporative Cooling at High Temperature Scenarios, *Applied Thermal Engineering* (2016), doi: <http://dx.doi.org/10.1016/j.applthermaleng.2016.12.126>

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.



Paper Title: Transient Heat Transfer Performance of Stainless Steel Structured Surfaces Combined with Air-Water Spray Evaporative Cooling at High Temperature Scenarios

Corresponding & First Author: Dr. Muhammad Aamir

Affiliation: ¹Key Laboratory of Low-grade Energy Utilization Technologies and Systems, Chongqing University, Chongqing 400030, China

²Center for Advanced Studies in Energy, National University of Science and Technology, Islamabad, Pakistan

⁴College of Materials Science and Engineering, Chongqing University, Chongqing 400030, China

Email: aamir.muhammad1@cqu.edu.cn

Tel: 0086 23 65111297

Co-author: Prof. Dr. Qiang Liao

Affiliation: ¹Key Laboratory of Low-grade Energy Utilization Technologies and Systems, Chongqing University, Chongqing 400030, China

³Institute of Engineering Thermophysics, Chongqing 400030, China

Email: lqzx@cqu.edu.cn

Co-author: Dr. Wang Hong, Prof. Dr. Zhu Xun, Jiaqiu Wang

Affiliation: ¹Key Laboratory of Low-grade Energy Utilization Technologies and Systems, Chongqing University, Chongqing 400030, China

³Institute of Engineering Thermophysics, Chongqing 400030, China

Email: hongwang@cqu.edu.cn, jiaqiu.wang@hotmail.com, zhuxun@cqu.edu.cn,

Co-author: Muhammad Sajid

Affiliation: ⁴College of Materials Science and Engineering, Chongqing University, Chongqing 400030, China

Email: m.sajid7860@gmail.com

Download English Version:

<https://daneshyari.com/en/article/4991613>

Download Persian Version:

<https://daneshyari.com/article/4991613>

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