

Accepted Manuscript

Research Paper

Flame extension length beneath a horizontal eave in fire-induced thermal plume ejected from a compartment

K.H. Lu, S.H. Mao, J. Wang, L.H. Hu

PII: S1359-4311(17)33047-8

DOI: <http://dx.doi.org/10.1016/j.applthermaleng.2017.07.175>

Reference: ATE 10843

To appear in: *Applied Thermal Engineering*

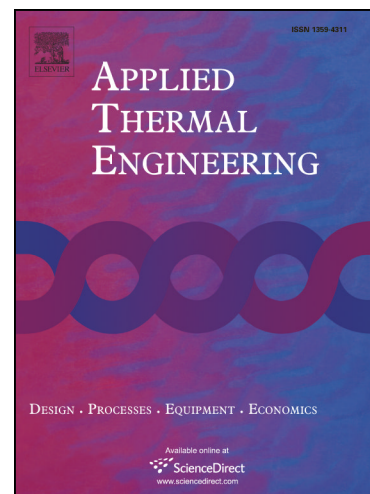
Received Date: 4 May 2017

Revised Date: 24 July 2017

Accepted Date: 24 July 2017

Please cite this article as: K.H. Lu, S.H. Mao, J. Wang, L.H. Hu, Flame extension length beneath a horizontal eave in fire-induced thermal plume ejected from a compartment, *Applied Thermal Engineering* (2017), doi: <http://dx.doi.org/10.1016/j.applthermaleng.2017.07.175>

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.



Flame extension length beneath a horizontal eave in fire-induced thermal plume ejected from a compartment

K.H. Lu^{a*}, S.H. Mao^{a,d}, J. Wang^b, L.H. Hu^{c*}

^a Faculty of Engineering,

China University of Geosciences (Wuhan), Wuhan, Hubei, 430074, China

^b School of Resource and Environmental Engineering,

Wuhan University of Science and Technology, Wuhan, Hubei, 430081, China

^c State Key Laboratory of Fire Science,

University of Science and Technology of China, Hefei, Anhui, 230026, China

^d China Ship Development and Design Center, Wuhan, Hubei, 430064, China

*Corresponding author:

Tel: +86 (0) 27-67883124;

Email address: lukh@cug.edu.cn

Postal address: Faculty of Engineering, China University of Geosciences (Wuhan), Lumo Road 388 Wuhan, Hubei, 430074, China

Tel: +86 (0) 551-63606446;

Email address: hlh@ustc.edu.cn;

Postal address: State Key Laboratory of Fire Science, University of Science and Technology of China, Hefei, Anhui, 230026, China

Submitted: May, 2017

Revised: July, 2017

Download English Version:

<https://daneshyari.com/en/article/4990757>

Download Persian Version:

<https://daneshyari.com/article/4990757>

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