## Accepted Manuscript

Effects of ambient wind on thermal smoke exhaust from a shaft in tunnels with natural ventilation

Chuan Gang Fan, Zheng Feng Jin, Jia Qing Zhang, Hong Ya Zhu

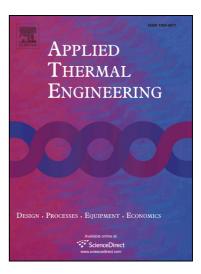
PII: S1359-4311(17)30775-5

DOI: http://dx.doi.org/10.1016/j.applthermaleng.2017.02.017

Reference: ATE 9898

To appear in: Applied Thermal Engineering

Received Date: 14 September 2016 Revised Date: 19 December 2016 Accepted Date: 4 February 2017



Please cite this article as: C. Gang Fan, Z. Feng Jin, J. Qing Zhang, H. Ya Zhu, Effects of ambient wind on thermal smoke exhaust from a shaft in tunnels with natural ventilation, *Applied Thermal Engineering* (2017), doi: http://dx.doi.org/10.1016/j.applthermaleng.2017.02.017

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**

### Effects of ambient wind on thermal smoke exhaust from a shaft

### in tunnels with natural ventilation

Chuan Gang Fan<sup>1,2,3</sup>\*, Zheng Feng Jin<sup>1</sup>, Jia Qing Zhang<sup>2</sup>, Hong Ya Zhu<sup>3</sup>

- 1. School of Automotive and Transportation Engineering, Hefei University of Technology, Hefei, China
  - 2. State Grid Anhui Electric Power Research Institute, Hefei, China
- 3. Key Laboratory of Building Fire Protection Engineering and Technology of MPS, Tianjin, China

<u>Corresponding Author</u>: Chuan Gang Fan. Address: School of Automotive and Transportation Engineering, Hefei University of Technology, Hefei 230009, Anhui, China.

Tel: +86-551-0551-62901960 (Office), +86-18255170802(Mobile)

Email: fangang@hfut.edu.cn

#### Download English Version:

# https://daneshyari.com/en/article/4991517

Download Persian Version:

https://daneshyari.com/article/4991517

Daneshyari.com