



Notes and comments

## The influence of workplace environment on lung function of shopkeepers working near National Highway in Jalgaon: A note

S.T. Ingle \*, N.D. Wagh, B.G. Pachpande, V.S. Patel, S.B. Attarde

*School of Environmental Sciences, North Maharashtra University, Jalgaon 425 001, India*

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### Abstract

The inferior ambient air quality was observed near highway passing through Jalgaon urban center. Among the pollutants critical level of particulates are observed at the roadside during May 2003 to April 2004. The shopkeepers working at the highway sides are at high risk of exposure to the air pollution caused by heavy highway traffic. The lung function test of the shopkeepers shows significant decrease in forced vital capacity, forced expiratory volume in one second and peak expiratory flow rate. The regular periodic health checkup and use of nose mask will protect the health of shopkeepers working near National Highway passing through Jalgaon urban center.

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### 1. Introduction

Road traffic is a major source of air pollution in urban areas. Higher incomes, mobility, expanding cities and the proliferation of employment centers have increased the demand for motorized transport. It has resulted in disproportionate higher number of vehicles in the urban

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\* Corresponding author.

E-mail address: [st\\_ingle@indiatimes.com](mailto:st_ingle@indiatimes.com) (S.T. Ingle).