

RESPIRATORY MORBIDITY AMONG SOLID WASTE WORKERS OF SURAT CITY

¹JARIWALA NAMRATA D, ²CHRISTIAN R.A.

¹ Assistant Professor, Civil Engineering Department, SVNIT, Surat, India.

²Christian R.A., Associate Professor, Civil Engineering Department, SVNIT, Surat, India.

ABSTRACT

Objective

The objective of present work was to study the respiratory morbidity among the solid waste workers of Surat City.

Study Area

Surat city in India. Solid waste workers working at transfer station and sanitary land filling site were selected for study purpose.

Method

A cross- sectional study was designed. Total 57 workers working at final disposal site, and 123 workers working at different transfer station of city involving in day to day collection activity were selected for study purpose. Workers age, sex, social economic condition, habits and other relevant information for health survey were obtained separately. Respiratory morbidity data were collected using ATS- DLD standard questionnaires. Spirometry observation were made with spirometer Mastro Midline Version 2.1

Key words: Solid waste workers, Respiratory morbidity, Spirometry.