

ABSTRACT

The aim of this paper is to summarize harmful effects of tobacco smoke on human health, using recent studies of international significance level. It also brings the potential risks which may ETS cause, particularly cardiovascular disease and the effects of passive smoking, but many other diseases associated with indoor pollution caused by tobacco smoke. This work also deals with the chemical and physical composition, indicating the pollutant, the differences of the individual components and the methods by which the smoke exposure is investigated. The aim is to present the frequently discussed issues related to indoor environment and human health, as well as air pollution indoors. Finally, the thesis will outline economic damage and describe the situation and legal standards associated with passive smoking in the Czech Republic.