

ABSTRACT

RELATIONSHIP BETWEEN BEHAVIOR USE OF PERSONAL PROTECTIVE
EQUIPMENT MASKS AND SMOKING HABITS OF THE VALUE OF
PULMONARY FUNCTION IN THE BOILER SUGAR FACTORY WORKER PT X
LAMPUNG TENGAH PERIOD MILLED 2014

by

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Lung function is influenced by many factors . The purpose of this study was to determine the relationship of the behavior of PPE (Personal Protective Equipment) use masks and habits of smoking on lung function values at the sugar factory workers boiler parts milled PT X period 2014

This research was an observational research analytic type with cross sectional approaching to sugar factory workers boiler parts milled PT X, Lampung Tengah. The number of samples is 58 people which is determined by total sampling method. The behavior of the use of personal protective equipment masks based on three components: knowledge , attitudes and actions are determined by questionnaire and observation , while smoking is known through questionnaires and interviews. Data were analyzed by univariate and bivariate comparative test such as chi-square and fisher.

Respondents who experienced a decline in lung function of 25.9 % and were not impaired lung function of 74.1 % . There was no significant relationship between knowledge and pulmonary function ($p = 0.103$) . There was no significant relationship between attitudes and pulmonary function ($p = 0.289$) . There is a significant relationship between action and pulmonary function ($p = 0.002$) . There was no significant association between smoking and lung function ($p = 0.764$) .

Keywords : actions, attitudes, knowledge, lung function, smoking habit