

ABSTRACT

THE RELATIONS NOISE OF EXPOSURE BY THE FUNCTIONS OF HEARING IN WORKERS A WELDING SHOP IN KELURAHAN SEPANG RAYA WAY HALIM BANDAR LAMPUNG

By

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The objective of work health and safety is to improve utility and product of work force by improving harmonious and humanly job and working environment. It is applied through Law Number 13 in 2003 about employment. The employment law has a preventive, characteristic so that efforts in controlling working environment are required. Noise exposure in working area causes listening disorder and it is cannot be cured. The objective of this research was to find out The correlation between noise exposure and hearing function of workers in welding workshop in Sultan Haji street of Sepang Raya Jaya village in Way Halim Bandar Lampung.

This study was an analytical research with cross sectional approach. This research was conducted in November 2012. Population number was 31 respondents. Samples were 28 respondents and taken by purposive sampling technique based on predetermined inclusion and exclusion criteria. Data were analyzed using univariate and bivariate analysis by *Spearman* test with $\alpha = 0.05$.

The results showed that there was no significant correlation between noise and listening function of welding workers and this was indicated by $p= 0.302$.

Keywords: noise, auditory function, sepang raya.