

ABSTRACT

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Study Program : Public Health
Title : Factors Causing Hearing Loss in Plant Production Section At Workers PT. Jembo Cable Company, Tbk Tangerang-Banten Year 2018

Hearing loss remains one of the major issues in occupational health and safety, especially in workers working in places exposed to noise. Causes of hearing loss in the form of abnormalities in the outer and middle ear such as congenital or birth defects, dirt blockage, head trauma and noisy exposure. This study was conducted with the aim to determine the relationship between risk factors with hearing loss to workers in the production plant PT. Jembo Cable Company, Tbk Tangerang-Banten Year 2018. This research is a type of observational research with cross sectional design where independent and dependent data are collected at the same time and done at one time only. To obtain data in the field done by observation and distribution of questionnaires to 51 respondents who are working in the production plant PT. Jembo Cable Company, Tbk Tangerang-Banten Year 2018. The results of this study indicate that there is a relationship between worker age ($P = 0,017$), working period ($P = 0.005$), and the use of ear protector (APT) ($P = 0,005$) to the hearing loss to the worker in the production plant part of PT. Jembo Cable Company, Tbk Tangerang-Banten Year 2018. To reduce the risk of hearing loss in workers in the production plant section, reduce, modify and isolate engine noise to reduce noise in the work environment, provide training and do apples for each shift before doing work activities, use ear protection equipment (PPE) in accordance with the Standard Operating Procedure (SOP) set by the company.

Keywords: Hearing loss, worker age, working period, and use of APT
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