

PUBLIC HEALTH SCIENCE STUDY PROGRAM (S1)

STIKES PAYUNG NEGERI PEKANBARU

Thesis, August 2021

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**Factors Affecting Work Accidents in Confined Spaces In Wika-Karaga Kso
Pekanbaru year 2021**

xiv + 59 Page + 9 Tabel + 2 Schemes + 5 Appendix

ABSTRACT

A work accident is an accident of a person or group in carrying out work in the company environment, which occurs suddenly, causing light to heavy losses. Based on a preliminary survey at Wika-Karaga Kso Pekanbaru, there were 5 people who suffered moderate injuries. The purpose of this study was to determine the factors that influence work accidents in confined spaces. This type of research is a quantitative research using a Cross Sectional approach. This research was conducted at Wika-Karaga Kso Pekanbaru using total sampling, namely all workers in a limited space, the population of respondents who will be sampled. The research measuring instrument is a questionnaire. Furthermore, analyzed univariate and bivariate using chi-square test. The results of research on several factors that influence work accidents are length of work ($P \text{ value} = 0.011 < 0.05$). While the unrelated are smoking in a confined space ($P \text{ value} = 0.439 < 0.05$), personal protective equipment (PPE) in a confined space ($P \text{ value} = 0.892 > 0.05$). The conclusion of this study is that the factors that influence work accidents in confined spaces are length of work and what is unrelated is smoking while working, personal protective equipment in confined spaces. It is recommended that workers do not smoke while working, workers wear complete personal protective equipment, it is recommended that workers have enough rest.

Keywords: Work Accident, Smoking, PPE, Length of Work.

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