

ABSTRACT

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Program Study: Public Health
Title : Factors Related to Accident in Production Workers at PT Siemens Indonesia Cilegon Banten Year 2018

Based on Incident and Accident Record PT Siemens Indonesia Cilegon Banten recorded 41 work accidents from 2014-2017. The purpose of this research is to know factors related to work accident at production worker in PT Siemens Indonesia 2018. The research using cross sectional design with sample size 97, sampling technique using probability sampling method with proportional stratified random sampling technique, and test analysis chi square. The research was start from February to June of 2018. The univariate result obtained the highest proportion of workers who never had work accident (69,1%), old age (82,5%), high education level (95,9%), long work period (82, 5%), morning shift (68%), and obedience with using of personal protective equipment (PPE) (73.2%). There is relationship between age, education level, work period, and obedience using of PPE with accidents. There is no relationship between shift work with accident. The results of the study suggest that companies provide mentor programs, medical checkup, test before and after training, improve the orientation for new workers, improve the role of supervisors, and check routine safety facilities.

Keywords: age; education; occupational accidents; PPE; shift; work period.

6 Chapter, 86 pages, 4 pictures, 16 tables, 6 attachments.

References: 46 (2001-2018)