

ABSTRACT

Name : Viky Kharisma; Nayla Kamilia Fithri., S.KM.,M.PH
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Heat of the working environment may affect the health of the worker, the health disorder commonly referred to as the heat relate disorders, and of the many types of disorders are most experienced by workers who work in hot areas of heat exhaustion. PT Unitex is one of the companies engaged in the manufacture of textile, where in the production process workers are required to work in areas that have a high enough heat exposure to 36 ° C, it is a matter that must be reviewed further. This study aims to analyze the factors that influencing the occurrence of heat exhaustion. This research uses cross sectional design with 65 samples. The number of workers who experienced heat exhaustion amounted to 50 people. The results show that there is a relationship between heat exposure and dehydration status with the incidence of heat exhaustion in workers, while for other variables ie BMI and history of disease have no relationship. Therefore it is necessary to control to minimize the occurrence of heat exhaustion.

Key Word:

Dehydratoni, heat exhaustion, heat relate disorders, Heat Exposure.

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