

ABSTRACT

The manufacturing industry plays an important role in the Indonesian economy because of its contribution to job creation, increasing gross domestic product (GDP), and absorbing labor. Among the various subsectors in the manufacturing industry, the aerospace industry plays an important role because it is directly related to the development of high technology and meeting the needs of air transportation. PT XYZ is a pioneer in the national aerospace industry and the only aircraft manufacturer in Southeast Asia. However, PT XYZ faces occupational safety and health (OHS) risks. Work accidents occur due to human error, one of which is caused by the lack of application of OHS when working in each worker. This can happen, one of which is due to the poor safety climate among workers. The diversity of worker backgrounds has the potential to influence their perceptions of risk and safety behavior. Therefore, an analysis of the worker's background on the safety climate is needed so that strategies and proposals can be designed to improve the safety climate. The data collection method in this study was using the NOSACQ-50 questionnaire to measure each worker's perception of knowledge and application of OHS safety regulations and to identify the background of the workers. The data processing method in this study uses inferential statistical tests using IBM SPSS as a tool. The test aims to find groups of workers who have different perceptions and in which dimensions the differences are located. The results of the study showed that differences in perception were found in groups of year of birth and length of service which were different from the differences in dimensions 3 in the production directorate. Based on these figures, the level of safety climate at PT XYZ is still in the category that needs to be improved.

Keywords: *Evaluation, Safety Climate, Questionnaire, NOSACQ-50, Aerospace Industry*