

ABSTRACT

The manufacturing industry sector is the backbone of the national economy, especially during the pandemic. The impressive performance of the manufacturing industry sector is also followed by a high national work accident rate that always increases every year, from 2017 to 2021. In 2021, the manufacturing industry sector is the sector that contributes the highest number of work accidents compared to other sectors. PT XYZ, as one of the manufacturing industry players based in East Java, has a concerning work accident rate in the cans department. This is not in accordance with the company's target which has the motto "Zero Accident". The results of the internal audit in the cans department further strengthened the occurrence of work accidents, namely there were three operators who did not work with PPE (Personal Protection Equipment) set by management. The establishment of regulations related to the use of PPE is part of management's concern about potential hazards in working in the can department area. This finding further shows that safety leadership and safety behaviour in the can department need to be analysed more deeply.

The purpose of this study is to determine the application of safety leadership in the PT XYZ cans department, determine the application of safety behaviour in the PT XYZ cans department, determine work accidents in the PT XYZ cans department, determine the effect of safety leadership on work accidents in the PT XYZ cans department, determine the effect of safety behaviour on work accidents in the PT XYZ cans department, and determine the effect of safety leadership through safety behaviour on work accidents in the PT XYZ cans department.

The method used in the research is quantitative research with the data source being the operators of the cans department whose data is collected through questionnaires. The data obtained will be processed using SEM-PLS.

The results of this study found that safety leadership has a significant influence on work accidents with a t-value of 3.582; safety leadership has a significant influence on safety behaviour with a t-value of 3.013; safety behaviour has a significant influence on work accidents with a t-value of 3.534; and safety leadership through safety behaviour has a significant influence on work accidents with a t-value of 2.099.

With the results of this study, it is hoped that it can be an evaluation of the company in improving safety leadership and safety behaviour in the work environment of the PT XYZ can department so as to reduce the level of work accidents.

Keywords: Manufacturing, Work Accident, Safety Leadership, Safety Behaviour