

## KATA PENGANTAR

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Skripsi ini menjelaskan tentang identifikasi risiko, penilaian risiko, pengendalian, serta risiko sisa setelah dilakukan pengendalian yang di unit pengemasan PT. X

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## ABSTRACT

Work accidents could be minimized as little as possible through risk management. Risk management of occupational safety was an effort to prevent work accidents through risk identification, risk analysis, risk evaluation and risk control. The packing unit was the last unit in the production process in the the PT. X which has the highest percentage of accidents was 15,78% and potential of safety hazards, especially mechanical hazards was 23,68%. This potential hazard can cause a work accident. The purpose of this study was to analyze the occupational safety risk management in the packing unit in the PT. X.

This research was an observational study and the research design was cross sectional study. The research sample was a total population consisted of 36 workers and 1 HSE person. Sources of data were obtained based on primary data obtained from interviews and observations, and secondary data obtained from company documents. Data analysis was carried out descriptively based on previous literature.

The results showed that in the packing unit there were 15 risks originating from mechanical hazards which had a proportion of 53% moderate risk and 47% high risk. The risk evaluation based on the ALARP concept is 53% tolerable risk, and 47% intolerable risk. controls that have been implemented are administrative controls and PPE. The residual risk after controlling is 33% moderate risk and 13% high risk.

The conclusion of this study there was still residual risk in the packing unit of PT. X, so risk control was still needed to reduce the risk in the medium and high risk categories. Companies were advised to document all inspection results and followed up on findings, and provide appropriate PPE in the packing unit.

Keyword: risk management, packing unit, intolerable risk.