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Implementation of Occupational Health and Safety Management System (K3) in Improving Occupational Safety at PT. Multi Jaya Samudera Belawan

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Abstract. *To avoid the risk of accidents and improve work safety in the work environment, every transport company must comply with applicable regulations in accordance with the regulations of related agencies or authorized entities. The purpose of this study is to determine the extent to which the management system (K3) has been implemented in the company PT. Multi Jaya Samudera Belawan. Thus the company hopes that the risk of work accidents in the company can be prevented so as not to cause losses or accidents. In analyzing and explaining the application of Occupational Safety and Health Management System (SMK3) in improving work safety at PT Multi Jaya Samudera Belawan, the method used in this study is field research and library research. The results of the study that the application of the Health Management System, Occupational Safety (K3) in improving occupational safety at PT. Multi Jaya Samudera Belawan has not been running optimally which is marked by the existence of several staff in this company who do not use PPE in carrying out their work. PT. Multi Jaya Samudera only declared K3 commitment orally, so that the K3 organization in writing has not been formed. For this reason, a written commitment is needed in the application of K3 at PT. Multi Jaya Samudera Belawan to immediately form a responsible K3 organization and its function can be carried out well to reduce disease and work accidents, so that it is expected to be a reference for work safety management systems.*

Keywords: *work safety, risk of accidents, work health and safety managements system*

1. BACKGROUND

The K3 management system is one of the parts that must exist and cannot be separated from the labor protection system that guarantees the risk of occupational safety and health, minimizes loss of working hours and moral and material losses and protects human safety and the environment around the company in order to create comfort in working. The K3 management system in its implementation also has a pattern of stages in its basic concept. The pattern of stages in the basic concept is called "Plan-Do Check-Action", which includes, determining occupational safety and health policies and ensuring commitment to the implementation of SMK3, planning the fulfillment of policies, goals and targets for the implementation of SMK3, implementing occupational safety and health policies effectively by developing the capabilities and supporting mechanisms needed to achieve policies, goals and targets, measuring, monitoring, and evaluating occupational safety and health performance and taking preventive and corrective actions, reviewing regularly and improving the implementation of SMK3 continuously with the aim of improving safety performance and to determine the extent to which the implementation of the K3 Management System is implemented in the company PT. Multi Jaya Samudera in improving occupational safety, namely to find out how the K3 management system at PT. Multi Jaya Samudera to find out the

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occupational safety system at PT. Multi Jaya Samudera, to find out the implementation of the K3 management system at PT. Multi Jaya Samudera Belawan.

2. THEORETICAL STUDY

a. Definition of System

According to Fantansyah (2015:11), a system is a composition consisting of a number of functional components (including functional units and specific tasks) that are interconnected and intended together to carry out a certain process.

b. Definition of Management

According to Malayu (2020:9), management is the science and art of managing the process of utilizing Human Resources and other resources effectively and efficiently to achieve a certain goal.

c. Definition of Occupational Safety

According to Hendrawan (2018) in and Hendrawan (2020) Occupational safety refers to a state of physical, mental, and social well-being that allows all workers to work in good health and optimal productivity without endangering themselves, their families, their communities or the environment.

d. Definition of Management System (K3)

According to Cecep (2014) The implementation of the K3 management system is an activity from and for the needs of company personnel.

e. Definition of Occupational Health

Based on Government Regulation of the Republic of Indonesia No. 88 of 2019 concerning Occupational Health is an initiative that aims to ensure that everyone in the workplace can live healthily and avoid health problems and adverse effects due to work.

3. RESEARCH METHOD

a. Field Research Method

The author uses a qualitative data collection technique that is carried out directly for 6 (six) months through an observation accompanied by recording the condition or behavior of the target object. The author directly participates in carrying out all activities regarding the Implementation of the Management System (K3) in Improving Occupational Safety and the author participates in a question and answer discussion with the HSE Manager and also workers at PT. Multi Jaya Samudera Belawan.

b. Library Research Method

The library method is a method where data is obtained by reading books, notes, or journals related to the problem being studied and through the Poltek AIMI Medan library to support the author's research in completing this paper.

4. RESULTS AND DISCUSSION

Implementation of Occupational Safety and Health Management System (K3) in Improving Occupational Safety at PT. Multi Jaya Samudera Belawan

The Occupational Safety and Health Management System K3 is a National policy as a company guideline for the implementation of K3, namely Occupational Safety and Health which is an activity to guarantee and protect the safety and health of workers through efforts to prevent work accidents and occupational diseases as regulated in Government Regulation Number 50 of 2012. The Occupational Safety and Health Management System, hereinafter abbreviated as (SMK3) is part of the overall company management system in a series of risk controls related to work activities in order to create a safe, efficient, and productive workplace.

The following are the stages in implementing the Occupational Health and Safety Management System (K3) in improving work safety at PT. Multi Jaya Samudera Belawan:

1. Providing Personal Protective Equipment Facilities to All Employees.

   The company provides complete facilities so that all employees can use complete personal protective equipment that is efficient and effective when doing work both on land and at sea.
2. Create Training on Procedures for Using Personal Protective Equipment for All Employees.

   Where this training is given so that all employees can know the procedures for using work safety protective equipment both on land and at sea.
3. Checking Personal Protective Equipment for Employees

   To check personal protective equipment and implement occupational safety and health. Checking Personal Protective Equipment for Employees To check personal protective equipment and implement occupational safety and health.
4. Providing a warning letter (SP) to employees if they do not comply with the regulations set by the company.

Describe the picture of the extent to which the Implementation of the Occupational Health, Safety (K3) Management System in Improving Occupational Safety at PT. Multi Jaya Samudera Belawan

The Implementation of the Occupational Health, Safety Management System at PT. Multi Jaya Samudera Belawan is carried out in a structured and organized manner. To ensure that coordination between departments becomes clearer and easier in solving K3 problems, it is described as follows:

1. Applicable Laws and Regulations

   In accordance with ISO 9001:2008 Current applicable laws and regulations are used in the K3 skills learning material in the form of modules so that employees can understand the application of occupational health and safety.
2. Commitment and Policy
   a. Leadership and commitment

      Used to find out about health and safety in the workplace, as well as relationships with appropriate resources (employees).
   b. Policy (K3)

      K3 policies are well regulated and structured, but their application to employees causes problems because not all instructions can be carried out correctly.
3. Planning
   a. Hazard Identification

      To identify and evaluate potential hazards/risks that may arise related to occupational safety and health when carrying out logistics work.
   b. Objectives and Programs

      Used to find out the development of K3 to a certain extent in achieving goals and implementing K3.
4. Implementation

   Implementation is an action carried out either individually or in groups with the intention of achieving the goals that have been formulated.
5. Evaluation

   Used to find out about previous implementations in order to correct existing deficiencies.

5. CONCLUSION AND SUGGESTIONS

Based on the results of the research that has been conducted, the author concludes that the Implementation of the Occupational Health and Safety (K3) Management System in Improving Occupational Safety at PT. Multi Jaya Samudera Belawan still experiences several obstacles such as: lack of awareness of workers, lack of understanding of workers about the importance of K3, incomplete documentation of work results and work equipment such as machines and other supporting tools that are old/damaged so that they can cause work accidents that the author can provide based on this research is to carry out complete documentation of work results, repair/replace damaged work equipment.

REFERENCES

Berutu, R., & Sabila, F. H. (2024). System for Management of Sign on Ship Crew Sealing Books at the Batam KSOP Office at PT. Putra Anambas Shipping Batam. *Jurnal Ilmiah Ekonomi, Akuntansi, dan Pajak*, *1*(2), 256-261.

Cecep Dani Sucipto, KESELAMATAN DAN KESEHATAN KERJA. 2014

Delvika, Y. (2017). PENERAPAN SISTEM MANAJEMEN KESEHATAN DAN KESELAMATAN. Jurnal Sistem Teknik Industri, Vol. 19 No. 2, Juli 2017.

Fantansyah Konsep Dasar Pengertian Sistem, BPAKHM, 2015.

H. Malayu, Hasibuan. Manajemen Sumber Daya Manusia. Jakarta: PT Bumi Aksara, 2022.

Hendrawan, A. Analisa Keselamatan dan Kesehatan Kerja Nelayan 2018.

Peraturan Pemerintah Republik Indonesia No. 88 Tahun 2019 tentang Kesehatan Kerja.

Peraturan Menteri Ketenagakerjaan Republik Indonesia, 2023.

Peraturan Pemerintah Nomor. 50 Tahun 2012 tentang Sistem Manajemen Keselamatan dan Kesehatan Kerja.

Sabila, F. H., & Cahyadi, W. D. Y. (2024). Analysis of Existing Constraints During Loading and Unloading of Goods at Belawan Port by PT. Gelora Perkasa. *Applied Business and Administration Journal*, *3*(03), 15-22.

Saragih, R. R., Ridho, S., Danilwan, Y., & Sabila, F. H. (2024). Proses Penanganan Clearance Out Kapal Ternak Berbendera Asing Dengan Inaportnet Oleh Pt. Pelayaran Semesta Sejahtera Lestari Belawan. *Globe: Publikasi Ilmu Teknik, Teknologi Kebumian, Ilmu Perkapalan*, *2*(1), 140-146.

Sianturi, P. S., & Sabila, F. H. (2024). The Influence Of Manual System Port Services To Inapornet On Users Of Belawan Port Services At PT. Adhigana Pratama Mulya Belawan. *Jurnal Pajak dan Analisis Ekonomi Syariah*, *1*(1), 17-28.

Sitanggang, P. Y. B., Ridho, S., Dirhamsyah, D., & Sabila, F. H. (2023). Optimization of Making Dahsukim Permits for Foreign Employees Working on Lay Up Ships At PT. Trans Shipping Agency Batam. *Ocean Engineering: Jurnal Ilmu Teknik dan Teknologi Maritim*, *2*(2), 150-159.

Varezi, R., & Sabila, F. H. (2024). Process of Receiving and Disputing Empty Containers PT. Evergreen Shipping Agency Indonesia Medan. *Jurnal Manuhara: Pusat Penelitian Ilmu Manajemen dan Bisnis*, *2*(2), 347-353.

Widodo, S. E. Manajemen Pengembangan Sumber Daya Manusia. Pustaka Belajar, 2015.