

Analysis of PT AKR Corporindo's Port Facilities Using Qualitative Descriptive Method

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Abstract

This study focuses on the port facilities and infrastructure of PT AKR Corporindo, a subsidiary of PT AKR Corporindo that deals with petroleum and chemical transportation. Adequate port facilities and infrastructure are essential for efficient and effective transportation of goods, especially for a company that deals with hazardous materials like PT AKR Corporindo. However, there is a gap in the literature regarding the port facilities and infrastructure of PT AKR Corporindo, and this study aims to fill that gap. This study employed a qualitative research method, using interviews and observations to gather data from PT Corporindo port facilities and infrastructure. The data collected were analyzed using content analysis. The study found that PT AKR Corporindo port facilities and infrastructure are well-maintained and equipped with the necessary safety measures. The company has implemented various safety procedures, such as regular safety drills and training for its employees, to ensure the safety of its personnel and the environment. Additionally, the company has invested in modern technology and equipment to improve its operations and efficiency. In conclusion, this study highlights the importance of port facilities and infrastructure for hazardous material transportation companies like PT AKR Corporindo. The study found that the company has adequately invested in its port facilities and infrastructure, ensuring the safety of its personnel, and efficient transportation of its goods. This study provides insights into the practices and strategies of PT AKR Corporindo, which can be useful for other similar companies in the future.

Keywords: company, efficient, infrastructure, port facilities, safety.

A. INTRODUCTION

Based on law number 17 of 2008 a port is a place consisting of land and / or waters with certain limits as a place for government activities and business activities used as a place for ships to dock, get on and off passengers, and load and unload goods, in the form of terminals and ship berths equipped with shipping safety and security facilities and port support activities as well as places for intra- and intermodal transfers transportation. Port According to Bambang Triatmodjo (2010) a port is a water area protected against waves, which is equipped with sea terminal facilities including docks where ships can be moored for loading and unloading goods, cranes for loading and unloading goods, sea warehouses (transit) and storage places where ships unload their cargo, and warehouses where goods can be stored for a longer time while waiting for delivery to the destination area or Shipment. Suyono (2007) defines port facilities as all physical facilities used to support port activities, either directly or indirectly.

PT AKR Corporindo is known as a leading provider of logistics, supply chain, and infrastructure services in Indonesia. With an extensive logistics network, the company has grown to become one of the leading private distributors of petroleum and basic chemicals in Indonesia. In 2011, AKR, together with its joint venture partner Royal Vopak, inaugurated the largest independent oil storage terminal, PT Jakarta Tank Terminal (JTT), at Tanjung Priok Port. JTT provides modern and efficient terminal facilities for international oil companies and Indonesian companies. The formulation of the problem from our research is the facilities and infrastructure of the port of PT AKR Corporindo, our purpose is to research the problem so that it is known what facilities and infrastructure are owned at PT AKR Corporindo.

Along with the increasing complexity of globalization and international trade, ports must continue to improve and develop their infrastructure to compete with ports in other countries. Only in this way can the port effectively serve the commercial and economic needs of the country, and the port infrastructure is essential to support this commercial and economic activity. PT AKR Corporindo's port infrastructure includes various basic facilities such as docks, jetties, port pools. For functional facilities there are facilities such as fuel oil terminals (TBBM), Liquefied Petroleum Gas (LPG) Terminal terminals, Chemical Storage Tanks and conveyors. As for supporting facilities, there are various facilities including Power Plants, Water Channels, Waste Water Treatment, Roads, Laboratories and Cranes. Therefore, the company has also invested considerable resources to improve their Port infrastructure.

B. METHODS

This journal uses qualitative descriptive methods to analyze port facilities at PT AKR Corporindo. Descriptive research is research that aims to describe a symptom, event and occurrence that is happening, where researchers try to describe events and events that are the focus of attention to describe it as it is. According to Mukhtar (2013: 10) qualitative descriptive research method is a method used by researchers to find knowledge or theory of research at a certain time.

Data collection techniques used include interviews with related employees and observations to collect data from PT AKR Corporindo's port facilities and infrastructure. Data analysis is carried out by compiling information from interviews, observations and document analysis, which is then presented in the form of qualitative descriptions.

The results showed that PT AKR Corporindo's port facilities and infrastructure were well maintained. In addition, the company has also invested substantial resources to improve their Port infrastructure.

C. RESULT AND DISCUSSION

Facilities and infrastructure are important factors in the success of a port in serving loading and unloading activities. Facilities are equipment or tools used in the loading and unloading process, while infrastructure is a supporting facility needed in port operations. Adequate facilities and infrastructure will have an impact on port operational efficiency, increase productivity, and ensure the safety and security of operations.

In order to support the function of the port, PT AKR Corporindo Port has facilities consisting of:

Basic Facilities

The main facility is a facility used by a port for berthing and mooring and minimizing natural disturbances and also forms of shipping safety aspects. The examples of the main facilities at PT AKR Corporindo are:

1. Dock

According to Triatmodjo (2008), what is meant by a pier is a port building used to dock and mooring ships that load and unload goods and unload passengers. While the facilities at the dock include: Apron, Transit Warehouse, Loading and Unloading of Goods, and Roads.

2. Jetty

According to Bambang Triatmodjo (2010) Jetty is a pier that is built protruding far enough towards the sea, with the intention that the end of the pier is at a depth sufficient to dock the ship.

3. Port Pool

According to law number 17 of 2008, the Port Pool is the water in front of the dock that is used for the operational purposes of docking and ship movement.

Functional facilities

Functional facilities are facilities that are directly utilized for the benefit of port management and can be managed by individuals or legal entities. The examples of functional facilities at PT AKR Corporindo are:

1. Fuel Oil Terminal

A fuel oil terminal is an industrial facility that serves to store petroleum and petrochemicals.

2. Terminal Liquefied Petroleum Gas (LPG)

According to McGuirre and White (2000), Liquefied Petroleum Gas (LPG) is a product of liquefied gas consisting of propane and butane that are loaded separately or mixed

3. Chemical Storage Tank

The tank is a storage tank or storage tank of a chemical industry process, the tank is not only a storage place for products and raw materials but also maintains the smooth availability of products and raw materials and can protect products or raw materials from contaminants (these contaminants can reduce the quality of products or raw materials).

4. Conveyor

Conveyor is a mechanical system that has the function of moving goods from one place to another.

Supporting Facilities

The water area includes waters for long-term port development, waters for ship building and maintenance facilities, waters for ship trials (sailing experiments), waters where ships die, waters for emergency purposes, and waters for tourism and hospitality activities. The examples of supporting facilities at PT AKR Corporindo are:

1. Power Plant

A power plant is a set of equipment and machinery used to generate electrical energy through the process of transforming energy from various energy sources.

2. Aqueducts

Channels to channel sewage and/or rainwater to be carried to a place so as not to be a problem for the environment and health.

3. Waste Water Treatment

Waste Water Treatment System is specifically designed to treat waste physically, chemically, and biologically.

4. Road

Road is a means in the form of circulation space made to facilitate transportation by land.

5. Laboratory

According to KBBI (Big Dictionary Indonesian), a laboratory is a certain place or room and so on that is equipped with equipment to conduct experiments (investigations and so on).

6. Crane

According to Antony Corder, cranes are one of the heavy equipment used as lifting equipment in construction projects.

Based on the results of the data we get. It is known that PT AKR Corporindo has the following infrastructure:

Table 1. Infrastructure data owned by PT AKR Corporindo

INFRASTRUCTURE	SIZE / UNIT
Total Tank Terminal Capacity	± 820,400 KL
Truck	± 250 Unit
Ship	± 12 Unit
Warehouse Capacity	± 49,080 M ²
Sea Port	± 9 Unit
River Port	± 6 Unit
bp AKR Service Station	± 36 Unit

source: Analysis Data

PT AKR Corporindo has succeeded in experiencing significant improvements and improvements to its port facilities and infrastructure. With a strong commitment to provide the best service to its customers and business partners, the company has invested considerable resources to improve their port infrastructure. With continuous efforts in implementing various modern and efficient facilities and infrastructure, PT AKR Corporindo has succeeded in making their port a reliable and effective distribution center. The company is continuously committed to developing and upgrading their infrastructure to meet the evolving needs of the market and provide high-quality logistics services to its customers and business partners.

D. CONCLUSION

PT AKR Corporindo's port infrastructure includes various basic facilities such as docks, docks, port pools. For functional facilities, there are facilities such as fuel oil terminal, Liquefied Petroleum Gas (LPG) Terminal terminal, Chemical Storage Tank and conveyor. As for supporting facilities, there are various facilities including Power Plants, Waterways, Wastewater Treatment, Roads, Laboratories and Cranes. Therefore, the company has also invested considerable resources to improve their Port infrastructure.

Data collection techniques used include interviews with related employees and observations to collect data from PT AKR Corporindo's port facilities and infrastructure. Data analysis is carried out by compiling information from interviews, observations and document analysis, which is then presented in the form of qualitative descriptions. The results showed that PT AKR Corporindo's port facilities and infrastructure were well maintained. In addition, the company has also invested considerable resources to improve their Port infrastructure.

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