

THE DANGEROUS GOODS LOADING-UNLOADING ACTIVITIES IN THE PORT OF TANJUNG PRIOK INDONESIA

Prasadja Ricardianto, Antony Damanik, Yosi Pahala, Zaenal Abidin & Wynd Rizaldy

Trisakti Institute of Transportation and Logistics, Jakarta, Indonesia

Received: 02 Sep 2021

Accepted: 03 Sep 2021

Published: 04 Sep 2021

ABSTRACT

This study aims to analyze the safety conditions of ship operations in loading and unloading dangerous goods by the main port of Tanjung Priok, in northern Jakarta, Indonesia. The main purpose of this research is to provide input to improve the safety requirement of ship operations in loading and unloading dangerous goods by the Main Harbormaster. Data analysis was completed using the Analytical Hierarchy Process by involving related parties of shipping safety. Respondents consisted of the main port as the supervisor and permit giver, the port management as the port facilitator, the loading and unloading company as the executor in the field, and the goods owner as the consumer. The results showed that the main factors affecting safety in loading and unloading of dangerous goods at Tanjung Priok port were supporting facilities and infrastructure at the port. In addition, the readiness of human resources is also a determining factor. In conclusion, this study recommend that the Tanjung Priok Port Main Harbormaster needs to be more disciplined in enforcing rules in the field, especially when inspecting dangerous goods loading and unloading activities at the port so that the safety of port operations can be insured.

KEYWORDS: *Loading and Unloading, Dangerous Goods, Operational Safety, Ports, Main Harbormaster*