



Hotwork Permit Issuance Mechanism at KSOP On Ship Mv. Zhong Quan 7 By PT. Pelayaran Dwi Putra Laksana Batam

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Abstract. This paper examines the Hotwork Permit Issuance Mechanism on the Zhong Quan 7 Ship. This study aims to determine the Hotwork Permit Issuance Mechanism on the Zhong Quan 7 Ship by PT. Pelayaran Dwi Putra Laksana Batam, and to find out if there are any obstacles in the Hotwork Permit Issuance Mechanism on the Zhong Quan 7 Ship by PT. Pelayaran Dwi Putra Laksana Batam. The research method uses field research methods (Field Research) and library research (Library Research). The results of this study are the Hotwork Permit Issuance Mechanism at KSOP on the MV Ship. Zhong Quan 7. Starting with the agent submitting an application for a welding permit at KSOP through the Inaportnet system and then the agent also submits a manual application to the Harbor Master's Office Post in the work area where the ship will dock for unloading activities. Hotwork Permit is needed for cargo safety welding activities on the MV ship. Zhong Quan 7. The data collection techniques used are library research and field research.

Keywords: Publishing, Hot Work, Permit

1. INTRODUCTION

According to Suprpto in the Sailor's Dictionary (2021), Hotwork is a job that uses or generates heat to cut, join, smooth. This work must obtain permission from the authorities, especially in welding activities on ships because there is a risk of danger if this work is carried out without supervision. PT. Pelayaran Dwi Putra Laksana Batam provides services for processing welding permits on ships (hotwork permits) which are submitted online or directly or manually to the Harbor Master and Port Authority Office (KSOP).

Raya (2014), Hot work can be defined as any work related to burning, welding, or similar activities that can cause sparks or explosions. The National Fire Protection Association (NFPA) 51 B in 2009 stated that the main potential hazards in hot work activities are fires and explosions. According to data from the International Labor Organization (ILO), in 2012 cases of fire in the world's industrial sector resulted in 426 deaths (ILO, 2012). Meanwhile, based on the number of fire cases originating from hot work activities from 2009 to 2014, there were 16 cases. One type of hot work is work related to electricity and welding. Given the high potential for fire in hot work, prevention efforts are needed through a fire management system.

2. LITERATURE REVIEW

a. Definition of Shipping Company

According to Melyti (2021;50) a shipping company is a company that operates ships, either owned by itself or chartered (chartered), or referred to as a carrier.

b. Definition of Ship

According to Article 309 Paragraph (1) of the Commercial Code, a ship is any sailing device, whatever its name and nature. This includes shipwrecks, mud dredging machines, sand dredging machines, and other floating transport devices. Although these vessels cannot move by their own strength, they can be classified as sailing devices because they can float and move in water.

c. Definition of Publishing

According to the Big Indonesian Dictionary (KBBI), publishing is defined as a process, method or making of publishing. The meaning of publishing is the work of publishing (books and the like).

d. Understanding Mechanisms

According to the Indonesian Dictionary, the understanding of mechanisms is categorized into three meanings, namely various things about the use and work of mechanisms, various ways of working of organizations and various things that interact with each other like mechanisms (kbbi.kemdikbud.go.id, 2021).

e. Understanding of KSOP

According to PM 36 of 2012. The Harbormaster and Port Authority Office (KSOP) is a technical implementation unit within the Ministry of Transportation which is under and responsible to the Director General of Sea Transportation. The Harbormaster and Port Authority Office is led by a Chief.

3. METHODS

1) Library Observation (Library Research)

Library observation is a data collection technique by conducting a study of books, literature, notes, and reports that are related to the problem being solved. Also, Library observation is a data collection process through the stages of determining the topic, conducting studies and collecting theories, reconstructing research on theories or concepts obtained and providing results that are in accordance with the objectives of the study.

2) Field Observation (Field Research)

Field Observation (Field Research) is the collection of data directly in the field using data collection techniques such as observation, interviews, and documentation.

4. RESULTS AND DISCUSSIONS

Issuance Mechanism of Issuance of Hotwork Permit at KSOP on MV. Zhong Quan 7 Ship by PT. Pelayaran Dwi Putra Laksana Batam

The legal basis used as a reference in publishing Hotwork Permit is as follows;

- a. Law Number 17 of 2018 concerning Shipping;
- b. Government Regulation Number 51 of 2002 concerning Shipping;
- c. Government Regulation Number 61 of 2009 concerning Ports;
- d. Government Regulation Number 21 of 2010 concerning Maritime Environmental Protection;
- e. Regulation of the Ministry of Transportation Number PM 72 of 2021 Fourth Amendment to KM 62 of 2010 Concerning Organization and Work Procedures of the Port Operator Unit Office.

The following is the procedure for issuing Hotwork Permit on the Zhong Quan 7 Ship by PT. Dwi Putra Laksana Batam Shipping:

- a. Before the agent submits an application for Hotwork Permit through the Inaportnel system, the initial step taken is to submit an application for the issuance of a Foreign Ship Registration Certificate (PKKA) for Hotwork Permit activities on the Zhong Quan 7 ship.
- b. After the PKKA is issued, the agent makes an application for the issuance of Hotwork Permit through the Inaportnel system by filling in the ship's service data correctly and completely. The agent will then submit the application directly to the Harbor Master by attaching the following documents:
 - a) Application letter from PT. Dwi Putra Laksana Batam Shipping Company
 - b) SIUPKK (Ship Shipping Company Business License)
 - c) Ship data (ship particular)
 - d) Object to be inspected
- c. Verification by the officer to check the ship's document requirements. In this case, the officer/section officer carefully and properly checks the application letter and other supporting documents in order to ensure that the ship to be serviced is eligible

to obtain a hot work supervision permit on board the ship. If the document verification results do not meet the standard operating procedures, the agent must complete the specified required documents and submit an application for the issuance of Hotwork Permit Online.

- d. Once the sales verification process is complete, the Hotwork Permit will be published via the Inaportnet system.

**KEMENTERIAN PERHUBUNGAN
DIREKTORAT JENDERAL PERHUBUNGAN LAUT
KANTOR KESYAHBANDARAN DAN OTORITAS PELABUHAN KHUSUS BATAM**

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**SURAT PERSETUJUAN PENGAWASAN
MENGENAL DI ATAS KAPAL
No. AL.828/08/01/KSOP.Btm/2024**

I. DASAR:

- Undang-Undang Republik Indonesia No. 17 Tahun 2008 tentang Pelayaran.
- Redent Reglement 1925
- Peraturan Pemerintah Republik Indonesia No. 61 Tahun 2009 tentang Kepelabuhanan
- Peraturan Menteri Perhubungan RI No. 51 Tahun 2015 tentang Penyelenggaraan Pelabuhan Laut
- Surat Permohonan dari PT. PELAYARAN DWI PUTRA LAKSANA No: tanggal 02 MEI 2024 perihal Permohonan Izin Pengelasan di atas kapal MV. ZHONG QUAN 7

II. MENERANGKAN BALIWA:

- Pekerjaan mengelas di atas kapal yang tersebut di bawah ini:
 - Nama Kapal : **MV. ZHONG QUAN 7**
 - Bendera : **CHINA**
 - Perusahaan Pelayaran : **PT. PELAYARAN DWI PUTRA LAKSANA**
 - Ist Kotor : **T.095 GT**
 - Nakhoda : **YING RONGDAN**
- Pekerjaan mengelas dilakukan oleh:
 - Perusahaan : **DI KERJAKAN OLEH CREW KAPAL MV. ZHONG QUAN 7**
 - Izin Usaha : **-**
 - Pelaksanaan mulai : **06 MEI 2024 s/d 09 MEI 2024**
 - Posisi Kapal yang diizinkan : **-**
 - Pekerjaan : **LASHING & UNLASHING MUATAN**

III. PERSYARATAN / KETENTUAN:

- Semua kegiatan yang ditimbulkan oleh kegiatan ini baik kerusakan lingkungan merupakan tanggung jawab pemilik kapal MV. ZHONG QUAN 7 dan perusahaan pelayaran PT. PELAYARAN DWI PUTRA LAKSANA.
- Penanggung jawab selama kegiatan pengelasan: **YING RONGDAN HP: -**.
- Apabila terjadi kecelakaan kerja, **YING RONGDAN** selaku penanggung jawab pekerjaan di lapangan, wajib segera melaporkan kejadian tersebut kepada Kantor KSOP Khusus Batam.
- Kegiatan pengelasan dilaksanakan pada siang hari sampai jam 18.00 WIB.

Dikeluarkan di : Batam
Pada Tanggal : 03 MEI 2024

A.n. Kepala KSOP Khusus Batam,
Keselamatan Berlayar, Panjagaan,
dan Persekutuan Hukum

Ditandatangani secara elektronik
CAPT. YUZERWAN NABILION, SH, M.Mar
PenaNo Tk. : (HWD)
NIP. 19751201.200312.1.002

Figure 1. Hot Work Permit Supervision Approval Letter.

PT. Dwi Putra Laksana Batam as the agent appointed by the owner must prepare the Hotwork Permit on board for the purpose of unlashing cargo on the Zhong Quan 7 ship. The agent makes an application for the issuance of a hotwork permit through the Inaportnet system by completing supporting documents such as cargo list, cargo manifest, and valid ship particulars. In addition to going through the Inaportnet system, the agent in this case PT. Dwi Putra Laksana Batam must also submit a manual Hotwork Permit issuance at the KSOP Post Office in the work area where the ship will dock.

The following is the process for issuing Hot Work Permits online via the Inaportnet system and manually.

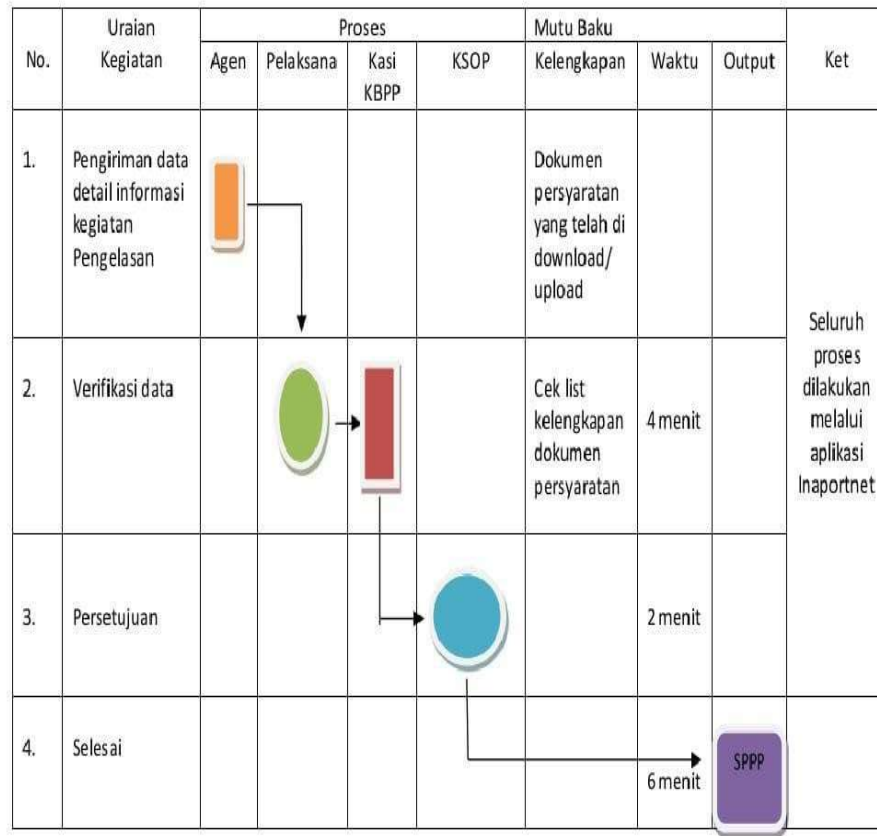


Figure 2. Online Hotwork Permit issuance flow

Obstacles faced and How to Overcome Them in the Issuance Mechanism of Hotwork Permit Issuance at KSOP on the MV. Zhong Quan 7 Ship by PT. Pelayaran Dwi Putra Laksana Batam

a. Obstacles faced in the Melkanismel Pelnrbitan Pelnrbitan Hotwork Pelrmit at KSOP On Ship MV. Zhong Quan 7 By PT. Pellayaran Dwi Putra Laksana Batam are as follows:

- 1) There was an error in inputting ship data and ship documents that had expired.
- 2) There was a problem in communicating with the ship because the ship could not and did not understand English to send ship documents considering that the Hotwork Permit had to be issued one (1) day before the ship arrived.

- 3) In the manual Hotwork Permit management, we often encounter obstacles such as inconsistencies in the documents that have been attached via the system.
- b. The method used by PT. Pelayaran Dwi Putra Laksana Batam as an agent in overcoming the obstacles faced in the Hotworks Permit Mechanism on the Zhong Quan 7 Ship by PT. Pelayaran Dwi Putra Laksana Batam
 - 1) Re-create a new Hotwork Permit application by considering the correct ship data.
 - 2) In dealing with language barriers between foreign crews, PT. Pelayaran Dwi Putra Laksana Batam agents use the Google Translate application.
 - 3) To overcome document incompatibilities in manual Hotwork Permit publications, agents contact the PT. Pelayaran Dwi Putra Laksana Batam Office to immediately fix the incompatibilities through the system.

5. CONCLUSION

The process of Hotwork Permit issuance at KSOP on the MV. Zhong Quan 7 Ship by PT. Dwi Putra Laksana Batam Shipping has been running well in accordance with the applicable requirements and regulations. The applicant submits an application through the Inaportnelt system and also attaches the required documents. After submitting the Hotwork Permit issuance through the agent system, the application for Hotwork Permit issuance will also be submitted manually at the Harbor Master's Office Post of the Port Authority where the ship will dock.

To improve the effectiveness in the implementation of Hotwork Ship, PT. Pelayaran Dwi Putra Laksana Batam needs to conduct socialization to workers considering the high risk of hot work on board ships. Therefore, with the writing of this paper, hopefully it can be useful for readers and especially for business actors in the shipping industry.

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