

THESIS

**FACTORS AFFECTING NEAR MISS OCCURRENCES IN HOT WORK
ACTIVITIES AT PT TRANS-PACIFIC PETROCHEMICAL INDOTAMA,
TUBAN**



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GONTOR PONOROGO**

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**APPROVAL SHEET
THESIS DEFENSE**

It is hereby stated that the thesis with the title :

**FACTORS AFFECTING NEAR MISS OCCURRENCES
IN HOT WORK ACTIVITIES AT PT TRANS-PACIFIC
PETROCHEMICAL INDOTAMA TUBAN**

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It has been reviewed and recommended to meet scientific standards, in terms of
both scope and quality

It has been approved to presented on : Saturday, 1 March 2025

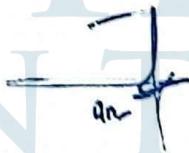
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VALIDITY SHEET

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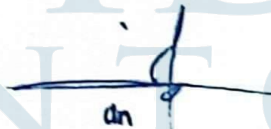
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ABSTRACT

FACTORS THAT CAUSE *NEAR MISS* IN *HOT WORK ACTIVITIES* AT PT. TRANS-PACIFIC PETROCHEMICAL INDOTAMA TUBAN

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According to Bird and Germain, *unsafe action*, *unsafe condition*, and *near miss* are things that should be learned and prevented so that work accidents do not occur that can cause a number of losses. This study aims to explore the factors that cause *near miss* in *hot work activities* at PT Trans-Pacific Petrochemical Indotama Tuban. This research is a descriptive qualitative research, through interviews with ten informants in the mechanical engineering division and field observation at PT Trans-Pacific Petrochemical Indotama Tuban. The results of the research are based on interviews with informants at PT. Trans-Pacific Petrochemical Indotama Tuban, that there are several workers who do not clearly understand the occurrence of *near miss* and there has been no reporting of *near miss* to workers who carry out *hot work* activities. Conclusion The workforce at PT. Trans-Pacific Petrochemical Indotama Tuban, Labor does not understand *near miss* and has not reported it officially. Risk factors include *unsafe actions* such as rushing, lack of focus, and not wearing PPE, as well as unsafe conditions such as narrow spaces, hydrocarbon leaks, and excessive temperatures. The suggestion in this study is that companies should hold socialization about *near miss* and the importance of reporting, especially in hot work activities, to prevent work accidents. In addition, it is necessary to conduct *safety talks* and *toolbox meetings* regularly to increase workers' awareness of safety and OSH procedures.

Keywords: *Hot work, Near miss, Unsafe action and Unsafe condition*

AUTHENTICITY STATEMENT

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Thesis Title : Factors Affecting Near Miss Occurrences in Hot Work Activities at PT. Trans-Pacific Petrochemical Indotama Tuban.

I sincerely declare that the research contained in this thesis is my own work and does not belong to anyone else. This thesis has never been published before, except for some parts with original references.

If in the future it is found that this work is plagiarism, I am ready to be given administrative and academic sanctions

Ponorogo, March 4th 2025
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Ponorogo, March 1, 2025

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