

## Penyusunan SOP Pada Proses Penutuhan Kapal di Fasilitas Penutuhan Kapal Modern = Development of Standard Operating Procedures for Ship Recycling in Modern Ship Recycling Facilities

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### Abstrak

Penelitian ini berfokus pada sistem pemisahan limbah dan prosedur keselamatan kerja di lingkungan penutuhan kapal di Indonesia. Penutuhan kapal menjadi permasalahan yang serius di negara ini karena dapat menyebabkan pencemaran lingkungan dan bahaya bagi pekerja. Penelitian ini bertujuan untuk menyusun proses standar operasional nasional untuk penutuhan kapal modern dan sistem pemisahan limbah pada fasilitas penutuhan kapal modern. Manfaat dari penelitian ini antara lain mendukung galangan penutuhan kapal yang ramah lingkungan dan aman bagi pekerja, mengembangkan pasar penutuhan kapal Indonesia dalam industri internasional dengan penerapan standar penanganan limbah dan kesehatan serta keselamatan kerja, serta sebagai acuan untuk menerapkan standar tersebut di lingkungan penutuhan kapal di Indonesia. Penelitian ini menggunakan metode studi literatur, pengumpulan data, konsultasi dan diskusi, perumusan masalah, dan pembuatan SOP. Sistematika penulisan terdiri dari pendahuluan, tinjauan pustaka, metodologi penelitian, pembahasan, dan kesimpulan dan saran. Dengan penelitian ini diharapkan dapat memberikan solusi bagi industri penutuhan kapal di Indonesia dalam mengatasi masalah limbah dan keselamatan kerja.

.....This research is entitled "Development of SOP for Ship Recycling Processes in Modern Ship Recycling Facilities." The focus of this study is on waste separation systems and safety procedures in ship recycling environments in Indonesia. Ship recycling is an important issue as it can cause environmental pollution and pose risks to workers' safety. The objectives of this research are to develop a national standard operating procedure (SOP) for modern ship recycling and to establish a waste separation system in modern ship recycling facilities. The research aims to support ship recycling yards in becoming environmentally friendly and safe for workers, as well as to enhance the Indonesian ship recycling market's reputation in the international industry through the implementation of waste management and occupational health and safety standards. This research is also expected to serve as a reference for the development of waste management and occupational safety standards in ship recycling environments in Indonesia. The research methods employed include literature review, data collection, consultation and discussions, problem formulation, and SOP development. The writing structure consists of an introduction, literature review, research methodology, discussion, and conclusions and recommendations.