

# **ANALISIS PENENTUAN LOSS FACTOR PADA PERHITUNGAN KONSUMSI CAT AREA LAMBUNG KT. JAYAKARTA I DITINJAU DARI KONSUMSI AKTUAL**

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## **Abstrak**

Proses pengecatan adalah salah satu proses dalam rangkaian perawatan dan perbaikan kapal guna meningkatkan kondisi visual dan menghindari laju korosi yang dapat terjadi pada area lambung kapal. Dikarenakan biaya pengecatan yang timbul akibat penggunaan cat dibutuhkan perhitungan penentuan kebutuhan cat dan kebutuhan konsumsi cat ditentukan nilai *Loss Factor (LF)* sesuai dengan metode pengaplikasian cat. Suatu proses pengecatan perlu diketahui luasan permukaan pengecatan, Nilai *Loss Factor* dari metode pengecatan. Efisiensi dalam pemenuhan kebutuhan cat pada pengecatan lambung dapat dilakukan dari perhitungan luasan yang tepat dan akurat serta penentuan Nilai *Loss Factor* yang ditentukan. Pendekatan yang dilakukan yaitu dengan menghitung Luasan Permukaan, menghitung jumlah kebutuhan cat dan membandingkan dengan kondisi penggunaan aktual. Sehingga hasil dari perhitungan luasan dan perhitungan kebutuhan cat dapat ditarik kesimpulan atas penggunaan sesungguhnya.

**kata kunci: Pengecatan, Luasan Permukaan, Kebutuhan Cat**

# DETERMINATION OF LOSS FACTOR ANALYSIS CALCULATION OF CONSUMPTION CAT AREA HULL KT. I JAYAKARTA CONSUMPTION BASED ON ACTUAL

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## Abstrak

Painting process is one of the processes in rangkaian maintenance and repair of ships in order to improve the visual conditions and avoid the rate of corrosion that can occur on the area of the hull. Due to the painting costs arising from use of paint required calculation of the needs of paint and paint consumption requirements specified value Loss Factor (LF) in accordance with the method of applying the paint. A process known surface area pengecatan need painting, Value Loss Factor of methods of painting. Efficiency in meeting the needs of the paint on the hull painting can be done from the calculation of the extent appropriate and accurate determination of Value Loss Factor is determined. The approach taken is to calculate Area of Surface, calculate the required amount of paint and compared with the actual conditions of use. So the result of the calculation of the extent and calculations deduced diapat needs paint formula maker approaches and empirical calculation formula obtained deviations and determination of Loss Factor in determining the actual needs of the paint and also found irregularities.

Painting process is one of Repair and Maintenance Cycle on ship for improving visual condition and also for protected corosion can be

**keywords: Painting, Size of Surface, Loss Factor**