

ABSTRACT

Thoriqul Hadi, 50134952.T, 2018, “Optimalisasi perawatan *fuel oil purifier* Di MT. Sepinggan Dengan Metode *Strength, Weakness, Oppurtunities, Threats* (SWOT)”, Diploma IV, Technical, Semarang Merchant Marine Polytechnic, Supervisor I: H. Suwondo. M.M, M., Mar.E. dan Supervisor II: Capt.Rudy Susanto, M.Pd

F.O Purifier aircraft is a very important auxiliary aircraft on board, this aircraft uses the basic principle of different weight of a substance so that the substances can be separated completely or by other means using centrifugal principle. In this section of the chapter explains how the FO Purifier working principle, the function of the fuel-related components and explains how the working principle of the different densities of a substance is so that they can be completely separated and how to properly operate the Purifier FO with instruction manual book.

Factors of strength, weakness, oppurtunities and threats can then be seen how solutions to overcome what factors are causing the compressor to decrease in capacity. The SWOT analysis can be applied by analyzing and sorting things that affect the four factors, then applying them in SWOT matrix images, where the application is how strengths can take advantage of the oppurtunities (oppurtunities) that exist, how to overcome weaknesses (weakness) that prevents the advantages of oppurtunities, then how strengths are able to deal with existing threats, and the last is how to overcome weaknesses that can make threats become real or create a new threat.

Therefore, the maintenance of fuel oil purifier is very important in order to increase the quality of fuel in the vessel, it is necessary to do maintenance or maintenance of components related to fuel oil purifier which all it will authors discussed in this thesis.

Keywords: *Fuel oil purifier* Metode (SWOT)