

ABSTRACT

ElfanAryo s, 2017, NIT: 50134747.N, "Effectiveness of The Coal Loading Process in MV. Energy Midas" Nautical Department, Program Diploma IV, Merchant Marine Polytechnic of Semarang, Supervisor I: Capt. H.S. Sumardi, S.H., M.M., M.Mar, Supervisor II: YustinaSapan, S.ST, MM

To achieve the implementation of the coal load with effective in MV. Energy Midas then in writing this thesis the author describes a theory about the hatch cover hydraulic maintainance and implementation load of the coal using floating crane. Coal cargo has special characters inside are loaded ,so the load should pay attention to the dangers of coal owned when the loading carried out by a floating crane. On this basis the authors formulate the problem of why hatch cover hydraulic is not working maksimal after loading and why there are any coal not go inside the hold when loading takes place in MV. Energy Midas.

The method used in this study is a qualitative method that produces descriptive data is in the form of written word of the people and observed behavior. In this case the collected data in the form of approach to the object through observation, interview directly to the subject matter as well as use of documents and data relating to the implementation of the coal loading in bulk form. Based on the results of research by the author during practice at the MV. Energy Midas on the implementation of the loading of coal form found any problems that are hatch cover hydraulic is not working maksimal and the coal not go inside the hold while transferring cargo form barge to hold takes place.

In this case concluded why hatch cover hydraulic is not working maksimal after loading because there are any cargo that hamper work of the hydraulic of hatch cover by dint of spilled cargo from not go inside that cargo at hold. as well as shortage cargo because many cargo spilled and many left cargo in barge, while yhe author's suggestion is held a briefing with the hope that the crew is aware duties and responsibilites and do maintenance with loading equipment, optimum loading using loader vehicle and floating crane, doing agreement with oprator of floating crane about loading palene, and then doing control when loading in progress

Key words: Coal, hydraulic of hatch cover, Floating crane