ABSTRACT

Pipeline system is the main part of a system that connect the point where the fluid is stored to the point of spending all the pipes, either to move or pumping power, it should be considered carefully, because the security of a ship will depend on the arrangement of piping as well as on any other ship equipment. In the new ship construction project in particular coaster 1200 DWT pipe system should be implemented as possible with a symmetric connection flange and pipe welding good so avoid leakage. Besides, all pipes must be installed clamps that protect it from mechanical damage and to avoid vibration.

To get the pipe work in accordance with the provisions of the above there is need for a great selection of human resources and a good pipe fabrication methods. As for some of the ways commonly used to ship the pipe fabrication:

1. Fabrication pipeline on land (workshop)

2. Fabrication pipe at sea (the vessel)

Expected to analyze the pipe fabrication method above, for pipe work ship 1200 DWT Coaster will get great results with a shorter turnaround time and efficient.

Key words: Efficiency, Pipe Fitting, Coaster Ship 1200 DWT.