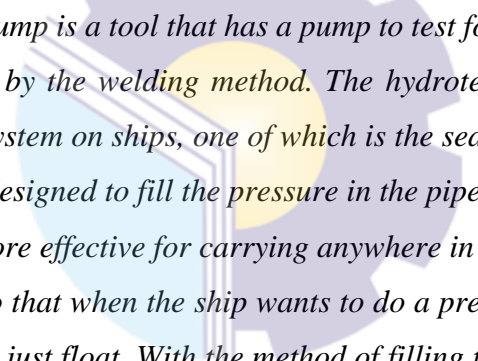


**“DESIGN A HYDROTEST PUMP TOOL TO TEST FOR LEAKS
AT PIPES WELD JOINTS”**

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ABSTRACK



Hydrotest pump is a tool that has a pump to test for leaks in valves or pipes that are connected by the welding method. The hydrotest pump is also used for testing the piping system on ships, one of which is the sea chest piping system. The hydrotest pump is designed to fill the pressure in the pipe that has been connected. The small size is more effective for carrying anywhere in the testing place. The sea chest is designed so that when the ship wants to do a pressure test, it doesn't have to be docked, it can just float. With the method of filling the pressure on the pipe 2 bar. And the result is a leak or tightness.

Keywords: *Department of Marine Engineering, Hydrotest pump, Design.*