ANALYSIS PIPE EXPANSION LOOP USE THE SYSTEM CIRCULATION PIPE STEAM PLTP ULUMBU

Name : Achmad Dahlan
NRP : 4207 100 509
Department : Marine Engineering - ITS
Supervisors : Ir. Hari Prastowo M.Sc

Abstract.

Piping system structure on the PLTP ulumbu is a complex construction system. This piping system must be able to hold all the burden, the burden of both the static and dynamic load. Piping System ability to hold the burden of work until not over stress. Analysis of the value of stress is important in the calculation and planning piping system. At final project use Autopipe software to calculate the value of the stress occurs.

To minimize the stress going to the PLTP Ulumbu use this design in the Loop Expansion Pipe. With the cost of this loop in the planning PLTP is cheaper. Than Flexible use of the Loop pipe at planning this must refer to the standard that is applicable ASME B31.1

Keywords : PLTP, Loop Expansion, Over Stress, ASME B31.1
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