

Public Interpretation # 012.

Preamble:

Production hydraulic components, rated to industrial standards, will be used in the keel canting mechanism. The system designers have no simple way of verifying that these components satisfy rule 6.4.

Questions:

Q1. When using commercially available hydraulic fittings such as valves, hose and pipe fittings, pumps and accumulators in the keel canting system, will operating them at or below their JIS, SAE, or other internationally accepted standard, pressure rating satisfy the Measurement Group with regards to the strength requirements for the canting system in the Volvo Open 70 Rule?

Q2. Is it acceptable to use such fittings beyond their industrially rated safe pressure limits? If yes then what documentation would be required to support this usage.

Answers

Interp.	Question	Answer	Rule	Notes
PI # 012	1	Yes	6.4	
	2	Yes	6.4	If fittings in the cant mechanism are to be used above their "published" capacity then the component supplier must provide documentation substantiating that the fitting meets the rule required factors of safety.



A.R. Cloughton

Chairman VIG

31st August 2010