



Request for Interpretation No.17

of

AC Class Rule Version 1.4: December 8th 2015

Rule References:

- 6.17 350 bar pressure relief valves shall be located on the supply side of hydraulic systems in order to limit maximum system pressure. Prior to November 30, 2015, the **Measurement Committee** may specify standard relief valves and their location in the hydraulic systems of the **AC Class Yacht**.
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Questions:

1. Does the fitting of 350 Bar pressure relief valves on the outlet (pressure) side of each and every hydraulic pump installed in such a way as to ensure that the pump cannot deliver more than 350 Bar to the system, sufficient in itself to ensure the complete hydraulic system complies with Class Rule 6.17?

If the answer to question 1 is no;

2. What additional provisions beyond that noted in question one above are required to ensure that the complete system complies with Class Rule 6.17?
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Interpretation:

1. No. Fitting of pressure relief valves as described is necessary but not sufficient. Each portion of the hydraulic system that can be isolated from other portions of the hydraulic system must incorporate a mechanism and/or method that allows for verification of operation of these required pressure relief valves by the Measurement Committee.
2. Additional pressure relief valves shall be fitted into each portion of the hydraulic system that may be isolated by any means, such as valving, from other portions of the hydraulic system.

The Measurement Committee will not be specifying standard relief valves for installation in AC Class yachts. Teams may select relief valves which best suit their particular hydraulic arrangement. All pressure relief valves provided to satisfy Rule 6.17 shall be supplied with a manufacturer's certificate setting out the tested relief pressure setting. Additionally, they shall be fitted with manufacturer fitted tamper proof seals. The "manufacturer fitted tamperproof seal" requirement may be relaxed with the written permission of the Measurement Committee provided further relief pressure testing is witnessed by the Measurement Committee or their designated delegate. A Measurement Committee approved tamperproof seal shall be fitted immediately after testing.

END

Issued by the America's Cup Measurement Committee on April 11, 2016