



Puteaux, October the 1st, 2008

Assessment of JC Ball Valves

SIL level

Under the request of JC VALVES, BUREAU VERITAS has carried an assessment of the PFD/PFH reached by JC VALVES Ball valves based on the field experience obtained from 2002 to 2006 by JC VALVES.


The assessment details are given in the report referenced: "JRC/BN/CB859/08/R/267/3 Closing" & "JRC/BN/CB859/08/R/268/3 Opening".


On the basis of this report, BUREAU VERITAS has assessed that the JC ball valves reach PFD/PFH (IEC 61508 PART 2) equivalent to:

SIL 3

for closing or opening function when used with adequate actuators and following the required instructions.

This assessment is valid for ball valves type 5xx / 7xx.


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