



COMPLIANCE

with IEC 61508 and IEC 61511

Certificate No.: C-IS-176715-BSE-01

CERTIFICATE OWNER: OMB Valves S.p.A.
24069 - Cenate Sotto (BG) - Italy

**WE HEREWITH CONFIRM THAT
BSE BALL VALVES**

**MEET THE REQUIREMENTS OF SIL ACCORDING TO THE TABLE BELOW
(LOW DEMAND MODE OF OPERATION)**

FOR THE SAFETY FUNCTION:

“correct switching on demand (open to closed and closed to open), and tight for closing phase, in low demand mode of operation”

	Size of the Valve	Class Identification	SIL Level
1	≤30 inches	1, 2 and 3	SIL 3
2	> 30 inches to ≤60 inches	4	SIL 2

Examination result: The above described BSE Ball Valves series were voluntarily tested and found to meet the standard defined requirements of the safety level according to IEC 61508 and IEC 61511, under fulfillment of the conditions listed in the test Report R-IS-176715-BSE-01 Rev.1 dated September, 18th 2008 in its currently valid version, on which this Certificate is based

Examination parameters: Construction/Functional characteristics and reliability and availability parameters of the above BSE Ball Valves

Official Report No.: R-IS-176715-BSE-01 Rev. 1

Expiry Date September, 17th 2009

IT IS TO BE INTENDED THAT THE ABOVE OFFICIAL REPORT AND ITS ANNEXES ARE AN INTEGRAL PART OF THIS DOCUMENT

Reference Standard IEC 61508 Part 1, 2, 4, 6, 7 - IEC 61511 Part 1,2,3

Sesto San Giovanni, September, 18th 2008

TÜV ITALIA Srl
Industry Service Division
Product Manager



Carlo Filippi



TÜV ITALIA Srl
Industry Service Division
Manager



Paolo Marcone