



Italia

# COMPLIANCE

with IEC EN 61508 AND IEC EN 61511

Certificate No.: TUV IT 23 SIL 0220

CERTIFICATE OWNER: Industrial Valves Manufacturer  
2<sup>nd</sup> Industrial City – Dammam  
Kingdom of Saudi Arabia

WE HEREWITH CONFIRM THAT

BSE BALL VALVES

MEET THE SIL REQUIREMENTS DETAILED IN THE ANNEXED TABLES

FOR THE SAFETY FUNCTION:

*SIF1: "correct switching on demand (open to closed), and tight for closing phase, in low demand mode of operation".*

*SIF2: "correct switching on demand (closed to open), in low demand mode of operation".*

**Examination result:** The above reported BSE Ball Valves were found to meet the standard defined requirements of the safety levels detailed in the following table) according to IEC EN 61508, under fulfillment of the conditions listed in the Report R TUV IT 23 SIL 0198 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

**Design owner:** OMB Valves S.p.A.  
24069 - Cenate Sotto (BG) - Italy

**Official Report No.:** R TUV IT 23 SIL 0198

**Expiry Date** May, 16<sup>th</sup> 2026

IT IS TO BE INTENDED THAT THE ABOVE OFFICIAL REPORT AND ITS ANNEXES ARE AN INTEGRAL PART OF THIS DOCUMENT  
THE PRESENT DOCUMENT SUBSTITUTES AND REPEALS THE DOCUMENT C-4S- 722222942

**Reference Standard** IEC EN 61508:2010 Part 2, 4, 6, 7  
IEC EN 61511:2016 Part 1, 2, 3

Milan, May, 17<sup>th</sup> 2023



TÜV ITALIA Srl

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