

DNV BUSINESS ASSURANCE

FULL QUALITY ASSURANCE CERTIFICATE – EC

Certificate No. **115091-2012-CE-ITA-ACCREDIA**

This certificate consists of 4 pages.

This is to certify that the quality management system of

VIAR VALVOLE S.r.l.

Via Attilio Sandroni, 38 - 21040 Sumirago (VA) - Italy
Via Primo Maggio, 8 - 21048 Solbiate Arno (VA)- Italy

for design, production, final product inspection and testing of

Ball valves

has been assessed with respect to

*the conformity assessment procedure described in annex III (module H)
of Directive 97/23/EC on pressure equipment, as amended, and found to comply.*

Further details are given in the following pages.

Initial certification date

2012-04-20

This certificate is valid until

2018-02-26



SGQ N°003 A PRD N°003 B
SGA N°003 D SSI N°002 C
SCR N°004 F FSM N°001 I

Membro di MLA EA per gli schemi di accreditamento SGQ,
SGA, PRD, PRS, ISP e LAB, di MLA IAF per gli schemi di
accreditamento SGQ, SGA, SSI, FSM e PRD
e di MRA ILAC per gli schemi di accreditamento LAB

Place and date

Vimercate (MB), 2015-03-05

for the Notified Body 0496

DNV GL Business Assurance Italia S.r.l.

Nicola Privato

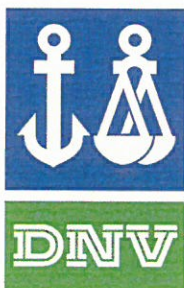
Management Representative

Giovanni Cortesi

Technical Reviewer

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

DNV GL BUSINESS ASSURANCE ITALIA S.R.L. - CENTRO DIREZIONALE COLLEONI - PALAZZO SIRIO 2 - V.LE COLLEONI, 9 - 20864 AGRATE BRIANZA (MB) - ITALY
(FROM OCTOBER, 6th 2014 VIA ENERGY PARK, 14 - 20871 VIMERCATE (MB) - ITALY) - TEL. +39 039.68 99 905 - WWW.DNVBA.COM/IT



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Jurisdiction

Application of Pressure Equipment Directive 97/23/EC of the European Parliament and of the Council and Decreto Legislativo No. 93 of 25 February 2000.

Certificate history

Revision	Description	Issue Date
00	Original certificate	2012-04-20
01	Renewal of certificate. Second address added	2015-03-05

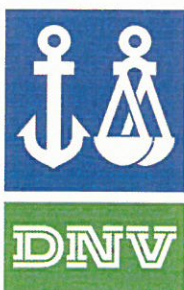
Products covered by this certificate

Product name	Product description	Category
Ball valves	Trunnion ball valves, bolted: <ul style="list-style-type: none"> - up to 12" and 2500 lbs - up to 16" and 1500 lbs - up to 52" and 600 lbs Floating ball valves, bolted: <ul style="list-style-type: none"> - up to 3" and 1500 lbs - up to 4" and 600 lbs - up to 8" and 300 lbs Trunnion ball valves, welded: <ul style="list-style-type: none"> - up to 36" and 900 lbs Floating ball valves, welded: <ul style="list-style-type: none"> - up to 2" and 900 lbs - up to 4" and 600 lbs - up to 6" and 300 lbs - up to 8" and 150 lbs 	From I to III

Sites covered by this certificate

Product name	Production site name	Address
Ball valves	VIAR VALVOLE S.r.l.	Via Attilio Sandroni, 38 - 21040 Sumirago (VA) - Italy Via Primo Maggio, 8 - 21048 Solbiate Arno (VA)- Italy

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Performed audits

DNV GL Business Assurance Italia S.r.l. has carried out the assessment of the manufacturers quality system to verify that the relevant requirements relating to the above listed products have been implemented.

Assessment has been carried out on the production site by DNV GL Business Assurance Italia S.r.l. as described in assessment report dated 2015-02-20.

PARTICULAR MATERIAL APPRAISAL

The materials listed in Table 1 have been subject to particular material appraisal.

Table 1

Specification	Grade
<i>Forgings</i>	
ASTM A105	
ASTM A182	F11 cl.2, F11 cl.3, F22cl.1, F22 cl.3, F304, F304H, F304L, F316, F316H, F316L, F321, F321H, F347, F347H, F44, F5, F51, F52, F53, F55, F6a cl.1, F6a cl.2, F6a cl.3, F6a cl.4, F6NM
ASTM A350	LF2, LF3
ASTM A694	F52, F60, F65
ASTM B564	UNS N04400, UNS N06625, UNS N08825
<i>Tubes and pipes</i>	
ASTM A106	
<i>Rods and bars</i>	
ASTM A276	304
ASTM A479	UNS S41000
ASTM A564	630
ASTM A638	Grade 660
UNI EN 10083	42CrMo4
<i>Bolting</i>	
ASTM A193	B7, B7M, B8, B8M
ASTM A194	2H, 2HM, 4, 7, 7M, 8, 8M
ASTM A320	L7, L7M

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The materials are found to be acceptable under the following conditions:

- mechanical and chemical requirements in the product standard must be complied with;
- the maximum stresses shall not exceed those allowed by the product standard;
- all testing specified in the product standard additional to the testing specified in the material standard must be carried out, with test results acceptable also to the product standard;
- impact testing to be foreseen for ASTM steels that may have brittle behaviour. Conditions for the PMA: minimum design temperature of -29°C.
- documentation of materials is assumed to comply with PED annex 1 section 4.3.

Terms and conditions

The certificate is subject to the following terms and conditions:

- in case of damages caused by defective products, Council Directive 85/374/EEC, as amended, will apply;
- the certificate is only valid for the products and/or manufacturing premises listed above;
- the manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient;
- the manufacturer shall inform DNV GL Business Assurance Italia S.r.l. of any intended updating of the quality system and DNV GL Business Assurance Italia S.r.l. will assess the changes and decide if the certificate remains valid;
- periodical audits will be held, in order to verify that the manufacturer maintains and applies the quality system. DNV GL Business Assurance Italia S.r.l. reserves the right, on a spot basis or based on suspicion, to pay unannounced visits;
- DNV GL Business Assurance Italia S.r.l. must be informed of any sub-suppliers for main pressure retaining parts.

The following may render this certificate invalid:

- changes in the quality system affecting production;
- periodical audits not held within the allowed time window.

Conformity declaration and marking of product

When meeting with the terms and conditions above, the Manufacturer may draw up an EC declaration of conformity and legally affix the CE mark followed by the Notified Body identification number (0496) of DNV GL Business Assurance Italia S.r.l.

END OF CERTIFICATE

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

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