



DNV BUSINESS ASSURANCE

EC TYPE-EXAMINATION CERTIFICATE

Certificate No2876-2013-CE-RGC-ACCREDIA

This certificate consists of 4 pages

This is to certify that the product(s)

Pressure Accessory

with name and/or type designation(s)

Gate Valve, Globe Valve, Check Valve and Strainer

manufactured by

Shandong Yidu Valve Group Corp.

No.7 Xiang Shan road, QingZhou city, Shandong, P.R, China

has been assessed with respect to

*the conformity assessment procedure described in annex III (Module B) of Directive 97/23/EC
on Pressure Equipment, as amended, and found to comply.*

Further details are given in the following pages

Place and date

Agrate Brianza, 2013-05-xx

for the Notified Body 0496

Det Norske Veritas Italia S.r.l.

This certificate is valid until

2023-05-xx



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

Membro di MLA EA per gli schemi di accreditamento SGQ,
SGA, PRD, PRS, TSP 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

Technical Reviewer

Renato Grottola

Management Representative

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

DET NORSKE VERITAS ITALIA S.r.l. - CENTRO DIREZIONALE COLLEONI - PALAZZO SIRIO - V.LE COLLEONI, 9 - 20864 AGRATE BRIANZA (MB) - ITALY - TEL. 039.68 99 905 - WWW.DNVBA.COM/IT



Certificate No. 2876-2013-CE-RGC-ACCREDIA

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	2013-05-xx

Products covered by this certificate

Product Description	Product Name	Category	Product Group	Product Sub Group	CAM
Valves	Gate Valves, Check Valves, Globe Valves, Strainers	I, II, III	Pressure Equipment	Pressure Accessories	CAM B

Design data

Pressure Rating Class 125
PN 10/16

Maximum/minimum allowable temperature ASTM A126 grade B -10 to + 232°C
ASTM A536 grade 65-45-12 -10 to + 232°C
EN 1561 grade EN-GJL-200 -10 to + 200°C
EN 1563 grade EN-GJS-500-7 - 10 to + 200°C

See Applications/Limitations/ Conditions

Medium Group 2

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Range of products covered by this certificate

Group No.	Type of valve	Rating			Design Standard	Inspection Standard	Flange Standard	Face-to-Face Standard
		Class125	PN10	PN16				
01	Gate Valve	DN50~600	NA	NA	MSS SP-70	MSS SP-70	ASME B 16.1	ASME B16.10
02		DN50~600	NA	NA	MSS SP-128	MSS SP-128	ASME B 16.1	ASME B16.10
03		NA	DN50~600	DN50~600	EN 1171	EN 12266	EN1092-2	EN558
04	Globe Valve	DN50~300	NA	NA	MSS SP-85	MSS SP-85	ASME B 16.1	ASME B16.10
05		NA	DN50~300	DN50~300	EN13789	EN 12266	EN1092-2	EN558
06	Check Valve	DN50~600	NA	NA	MSS SP-71	MSS SP-71	ASME B 16.1	ASME B16.10
07		DN50~600	NA	NA	MSS SP-136	MSS SP-136	ASME B 16.1	ASME B16.10
08		NA	DN50~600	DN50~600	EN12334	EN 12266	EN1092-2	EN558
09	Strainer	DN50~500	NA	NA	ASME B16.1	MSS SP-71	ASME B16.1	Manufacturer's std
10		DN50~500	NA	NA	ASME B16.1	MSS SP-136	ASME B16.1	Manufacturer's std
11		NA	DN50~500	DN50~500	ASME B16.1	EN 12266	EN1092-2	Manufacturer's std

Materials

The materials listed below have been subject to Particular Material Appraisal as required by PED Annex 1 Sec. 4.2b. The documents describe, in a complete and concise manner, the characteristics of the materials and their conformity to the directive No. 97/23/EC.

The materials subject to the Particular Material Appraisal may be used in pressure equipment in accordance with directive 97/23/EC and to the conditions as stated in the documents for the respective grades of material qualities.

Title	Rev.	Date
ASTM A126/A126M grade B	0	2013-05-07
ASTM A536/A536M grade 65-45-12	0	2013-05-07
EN 1561 grade EM-GJL-200	0	2013-05-07

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Applications/Limitations/ Conditions

- The internals of the valves are excluded from the certificate;
- material of non-harmonized standards must comply with the relevant PMA documents (Particular Material Appraisal) appraised by Det Norske Veritas Italia S.r.l.;
- the valves classified according to Directive 97/23/EC, Article 3.3, must not bear CE marking;
- pressure-temperature rating shall be lesser than body rating and seat rating

Production Site Name	Address
Shandong Yidu Valve Group Corp.	No.7 Xiang Shan road, QingZhou city, Shandong, P.R, China

Inspection of manufacturing and testing of prototypes has been carried out by DNV Certification (China) Co. Ltd, - Shanghai Branch, ref. Assessment Report dated 2013-05-08

Type Examination and technical Documentation

Technical Construction File (TCF)

Sent in 14th September 2012 and modified on 2nd February 2013 and 7th April 2013

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 product(s) listed above.

The following may render this certificate invalid:

- changes in the design or construction of the product(s);
- changes or amendments to the referenced directive(s);
- changes or amendments in the standard(s) which form the basis for documenting compliance with the essential requirements of the directive(s).

Conformity declaration and marking of product

This certificate does not give the manufacturer the right to CE mark and put on the market the product(s) listed on this certificate. Only after the product(s) have been found to comply with the requirements in a following Conformity Assessment Module C1, D, E or F, the manufacturer may draw up an EC declaration of conformity and legally affix the CE mark followed by the identification number of the Notified Body involved in these modules.

END OF CERTIFICATE

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

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