

FULL QUALITY ASSURANCE CERTIFICATE

Certificate No.: 8771-2016-CE-RGC-ACCREDIA

Initial date:
12 January, 2017Valid:
18 February, 2020 – 11 January, 2023

This certificate consists of 3 pages

This is to certify that the quality system of

Shun Che Valve Co., Ltd.

No. 49, Daxing 16th St. Taiping Dist., Taichung City, Taiwan

has been assessed and found to comply with respect to the conformity assessment procedure described in:

**ANNEX III MODULE H OF DIRECTIVE 2014/68/EU ON
PRESSURE EQUIPMENT**

This certificate is valid for the following scope:

Type of Pressure Equipment

Pressure Accessories

Product Name

Casting steel Ball Valves.Place and date:
Vimercate 20 February, 2020

SGQ N° 003 A	EMIS N° 009 P
SGA N° 003 D	PRD N° 003 E
SGE N° 007 M	PRIS N° 004 C
SGR N° 004 F	SSI N° 002 G

Membro di MLA EA per gli schemi di accreditamento
SGQ, SGA, PRD, PRIS, ISP, GAG, LAB e LAT, di MLA CAF
per gli schemi di accreditamento SGQ, SGA, SSI, ISO
e PRD e di MLA SUAC per gli schemi di accreditamento
LAB, MIP, LAT e ISP

For the notified body 0496:
DNV GL Business Assurance Italia
S.r.l.

Nicola Privato
Management Representative

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. Via Energy Park, 14, 20871 Vimercate (MB), Italy. Tel: 039 68 99 905. www.dnvgl.it/businessassurance

Certificate No.: 8771-2016-CE-RGC-ACCREDIA
Place and date: Vimercate (MB), 20 February, 2020
Revision No: 01

Jurisdiction

Application of Directive 2014/68/EU and Decreto Legislativo n.26 of 15 February 2016

Certificate history

Revision	Description	Issue date
00	Original Certificate	23 January, 2017
01	Re-certification	20 February, 2020

Products covered by this certificate

Type of valves	Maximum allowable pressure	Size	Accepted for		Minimum /Maximum temperature	Applied Standards
			PED Category	Fluid		
2 piece Ball valve, Threaded end	2000Psi ↓ 6000Psi	DN32 ↓ DN65	I ~II	Group I and II	-20°C ~160°C	EN12516-1
3 piece Ball valve, Threaded end	1000Psi ↓ 6000Psi	DN32 ↓ DN65	I ~II	Group I and II	-20°C ~160°C	EN12516-1
3 piece Ball valve, Clamp end	1000Psi ↓ 3000Psi	DN32 ↓ DN65	I ~II	Group I and II	-20°C ~160°C	EN12516-1
3 piece Ball valve, Flange end	1000Psi ↓ 3000Psi	DN32 ↓ DN150	I ~III	Group I and II	-20°C ~160°C	EN12516-1
3 Way Ball Valves, Threaded end	1000Psi ↓ 2000Psi	DN32 ↓ DN65	I ~II	Group I and II	-20°C ~160°C	EN12516-1
3 Way Ball Valves, Clamp end	1000Psi ↓ 2000Psi	DN32 ↓ DN65	I ~II	Group I and II	-20°C ~160°C	EN12516-1

Note: 1. No PMA required for Grade 1.4408, 1.0619..etc per EN10213. For body material Grade 1.0619 as per EN10213, the minimum/ maximum allowable temperature of valve with non-metal seals is -10~160°C. 3. For Clamp end, it is followed up ASME BPE:2009.

Sites covered by this certificate

Site name	Site Address	Audited by	Date	Report ref
Shun Che Valve Co., Ltd.	No. 49, Daxing 16 th St. Taiping Dist., Taichung City, Taiwan.	Euler Chen in Taiwan DNVGL	2019-11-25, 26	PRJN-177413-H-CHN-RC19 on 2019-12-26

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Applications/limitations

- Material of non-harmonised standards must comply with the relevant PMA documents (Particular Material Appraisal) appraised by the Notified Body of DNV GL Business Assurance Italia S.r.l.
- The Valves with nominal diameter DN25 or smaller Classified according to Directive 2014/68/EU, Article 3.3, must not have bear CE markings.
- The internal parts of valves are excluded from the certificate.
- The seal pressure - temperature rating of valves with metal seal shall be larger than the maximum temperature (160°C) of valve.
- The pressure - temperature rating of a valve is lower of body material temperature-pressure rating and seal temperature- pressure rating.
- For valves with PTFE seals, design temperature is 160°C and fluid is Group I and II.
- The range of sizes shall not exceed the limitations specified in applied design standard/code.
- Minimum temperature is limited to criteria in applied design standard/code.

Performed audits

Assessment has been carried out on the production site by DNVGL Business Assurance Co., (Taiwan), as described in Assessment Report dated 2019-12-26.

The following may render this certificate invalid:

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

Terms and conditions for the certificate

Valid terms and conditions are found in the DNV GL 's PED Certification Rules

END OF CERTIFICATE