



Declaration of conformity

With the ATEX Directive 94 / 9 / EC

No.: KI-ATEX-001

Manufacturer: **Kingdom Precision Casting Co., Ltd.**

Address: Nan-He West Rd., Nan-Tou, Zhongshan City, Guangdong, P.R..China

Tel: +86-760-3116839 Fax: +86-760-3110582 Website: www.kicasting.com

Description of the Equipment:

KI Stainless Steel, Carbon Steel and Alloy Steel Ball Valve

Product Series: KV-L20, L30, M30, 040, L40, L50, L5N, 060, L60, 070, L70, 080, L90

Size Range: DN15 - DN250

Pressure Rating: PN10, 16, 25, 40, Class 150 / 300

Production Classification: Equipment Group II . Category 2 GD (non-mining)

Temperature Class: Restricted by media temperature (260°C max.)

Verification Module: Internal Production Compliance

Certificate of

DIN EN ISO 9001:2000 NO.:12 100 15136

PED 97/23/EC Annex III Module H, (CE 0036) NO.: DGR-0036-QS-425-05

API 6D-0491, API 607 (Fire Safe)

TA-Luft 2002, Sec.5.2.3.4

Notified Body Retaining the Technical File:

TÜV PRODUCT SERVICE LTD.

Unit # 918, Landmark Tower 2, Dongsanhuan Beilu, Beijing, P.R.China

Harmonized Standards/ Reference Standards Applied:

BS EN 1127-1:1998 (Explosive Atmospheres-Explosion prevention and protection-part 1: Basic Concepts and methodology)

BS EN 13463: Part 1:2001 (Non-electrical equipment for potentially explosive atmospheres- Parts 1: Basic Methods and Requirements)


prEN 13463: Part 5: 2000 (Non-electrical equipment for potentially explosive atmospheres- Part 5: Protection by constructional safety)

prEN 1983 (Industrial Valves-Ball Valves)

prEN 12516-1:2000 (Industrial Valves-shell design strength-Part 1: Tabulation method for steel valve shells)

ASME B 16.34 (Valves-Flanged, Threaded, and Welding End)

Herewith We, Kingdom Precision Casting Co., Ltd., declare that the construction, manufacturing and testing of the pressure equipments mentioned above in conformance with ATEX directive 94/9/EC and The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 1996.

Singed: 

Name: Andrew Chen

Position: General Manager

Date: 2007-11-08

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DET NORSKE VERITAS

APPROVAL OF MANUFACTURER

CERTIFICATE

CERTIFICATE NO. AMM-6503

This is to certify that

Kingdom Flow Control Co. Ltd.
Zhongshan, Guangdong, China

is an approved manufacturer of
Steel Castings

in accordance with
Det Norske Veritas' Rules for Classification Pt. 2

and the following particulars:

Steel types	Carbon and carbon-manganese Austenitic stainless
Max. weight	60 kg
Remarks	Including low temperature service for austenitic stainless steel

Place and date
Høvik, 2013-12-03
for DET NORSKE VERITAS AS

f Hanne Anita Hjerpetjønn
Head of Section



Local Office
DNV Guangzhou

This Certificate is valid until
2017-12-31

Bjørn Inge Andersen
Surveyor

ZERTIFIKAT

Nr. GF1.1(T)-TA-07-0007

bezüglich der Übereinstimmung mit den technischen Anforderungen in :

TA-Luft 2002, Sec. 5.2.6.4
VDI 2440 Nov. 2000, Sec. 3.3.1.3

Prüfbericht: LT0564058 LT0664060
 T0464053

Datum: February 14, 2007

Auftraggeber / Besteller : Kingdom Precision Casting Co., Ltd.

Hersteller, Adresse : Kingdom Precision Casting Co., Ltd.
 West Nanhe Road, Nantou, Zhongshan City,
 Guangdong, P.R. China / Post Code: 528427

Typbezeichnung :	KV-L7N, KV-L7K KV-L41						
Nennweite / Nenndruck :	DN 15, 25, 50, 80, 100 / PN 16/40					6" , 8" / Class 150	
Art des Kugelhahns	1-teilig, Flanschanschluß, voller Durchgang					2-teilig, Flanschanschluß, voller Durchgang	
Dichtungssystem :	V-Ring Stem Packing					Double Stem Sealing	
Prüftemperatur / Beaufschlagungszeit:	RT / 24hr						
Spindelnennweite:	Ø 12 mm	Ø 15 mm	Ø 19 mm	Ø 24 mm	Ø 29 mm	Ø 36 mm	Ø 44.5 mm
Schaltspiele (frq : 6/min) :	10,000	20,000	10,000	10,000	20,000	20,000	5,000
Leckagerate : [mbar · l / (s · m)]	$1,0 \cdot 10^{-7}$	$3,6 \cdot 10^{-6}$	$4,0 \cdot 10^{-6}$	$3,0 \cdot 10^{-6}$	$8,0 \cdot 10^{-7}$	$1,2 \cdot 10^{-5}$	$1,2 \cdot 10^{-5}$
Anzugsmoment Dichtungspackung :	12 Nm	16 Nm	30 Nm	34 Nm	60 Nm	15.8 Nm	39.6 Nm

Die geprüfte Armatur mit verwendeter Dichtungspackung erfüllt die oben genannten Normen / Prüfkriterien. Basis für dieses Zertifikat ist eine Typprüfung einer repräsentativen Armatur und schließt keine Fertigungsüberwachung ein.

(Ort, Datum)

Taipei, Taiwan

February 14, 2007

TÜV Rheinland Taiwan Ltd
 Industrial Services Division

Thomas Fuhrmann (Division Director)





Dyneon™

Fluorothermoplastics

Food Contact/FDA Regulatory Status (US)

Introduction

From the low temperature processability of our THV FP products to the high temperature resistance of our PFA and FEP products, Dyneon Fluorothermoplastics are innovative materials that can be used for many applications in the food packaging industry. Dyneon is committed to providing a broad line of fluorothermoplastic products to its customers, and to remaining in the forefront of developing new solutions for challenging applications.

FEP Food Contact/FDA Regulatory Status

Dyneon's FEP products listed below comply with 21 CFR 177.1550 (perfluorocarbon resins under paragraph (a)(1)) and may be used as articles or components of articles intended to contact food, subject to the provisions, including specifications, conditions of use, and limitations, if any, in this regulation.

Dyneon's FEP Products	Available Forms
FEP 6300	Dispersion
FEP 6301	Granular
FEP 6303	Granular
FEP 6307	Granular

PFA Food Contact/FDA Regulatory Status

These Dyneon products comply with 21 CFR 177.1550 (perfluorocarbon resin and optional components under paragraphs (a)(2)) and may be used as coatings or components of coatings for articles intended for repeated contact food use, subject to the provisions, including specifications, conditions of use, and limitations, if any, in this regulation.

Dyneon's PFA Products	Available Forms
PFA 6900N	Dispersion
PFA 6502N/6502N UHP	Granular
PFA 6505N/6505N UHP	Granular
PFA 6510N	Granular
PFA 6515N	Granular
PFA 6502T	Granular
PFA 6613N	Powder
PFA 6502TA	Powder

CERTIFICATE

(Certificate of conformity with technical requirements in:)
ANSI/API STD 607 Fifth Edition, June 2005
ISO10497-5 : 2004

Certificate No.: 201248

Ref. Test report No.: 201249

Name and postal address of manufacturer: Kingdom Precision Casting Co., Ltd.
Nan-He West Rd., Nan-Tou,
Zhongshan City, Guang Dong,
P.R.China

We hereby certify that the fire test on below valves have been conducted at the above mentioned manufacturer and witnessed by TÜV Engineer according to requirements of ANSI / API Std 607 Fifth Edition, June 2005 and ISO 10497-5 : 2004. The testing results of valves meet the requirements of ANSI/API Std 607 Fifth Edition, June 2005 and ISO 10497-5:2004..

1. Description of Test Valve :

Type of Test Valve	KV-L61
Description of Test Valve	Flanged End 2PC RF Ball Valve
Valve Size, NPS	1/2", 1", 2", 4"
Pressure Rating (ANSI Class)	150
Valve Body Material	ASTM A216 WCB

2. Qualified Range of Valves :

Type	KV-06X and KV-L6X
Description of Valves	Flanged End 2PC RF Ball Valves
Qualified Pressure Ratings (Class / PN) <i>(according to API 607 / ISO10497 Table 5)</i>	Class 150 , 300 / PN 10,16,25,40
Qualified Sizes (NPS / DN) <i>(according to API 607 / ISO10497 Table 2, 3)</i>	2" and below , 2½", 3", 4", 5", 6" and 8" or / DN50 and below, 65, 80, 100, 125, 150, 200
Qualified Valve Material <i>(according to API 607/ISO10497 Para.7.2)</i>	Ferritic , Austenitic and Duplex Steel
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/ API STD 607 Fifth Edition, June 2005 and ISO10497-5:2004, based upon the result of testing report on above mentioned test valves. The additional valve qualification shall be limited to similar valves of same basic design (including calculation method) and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD607 Fifth Edition June, 2005, Para.4.4. and ISO10497-5 :2004.

Beijing, Dec.,30th, 2005

(Place, date)

