

EC Type Approval Certificate

This is to certify that Lloyd's Register Verification; a Notified Body under the terms of the Transportable Pressure Equipment Directive 2010/35/EU did undertake an EC Type Approval on the stated transportable pressure equipment to ensure its conformity with the requirements of the Directive which apply to it. The equipment identified below was shown to comply.

This certificate is issued to:

Applicant: FITOK INCORPORATED
No.164 Xinqu Village, Tiantou Community, Shijing Street,
Pingshan District, Shenzhen 518118, China

Product description: Cylinder Valve (Type: ND series)
Product type: Valve
Design standard: ISO 10297: 2006

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LRV of any modification or changes to the equipment in order to maintain a valid certificate."

"This certificate is valid for ten years from the date of issue."

Certificate No: 0038/TPED/MUM/1768008/1
Original Approval: 18 September 2017
Current Certificate: 06 September 2019
Certificate Expiry: 17 September 2027
LRV Notified Body Number: 0038



Raj Kumar on behalf of Lloyd's Register Verification

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**EC Type Approval
FITOK INCORPORATED
Cylinder Valve (Type: ND Series)
Certificate No: 0038/TPED/MUM/1768008/1 SCHEDULE**

Equipment data
Type: Valve;
Drawing No: NDSS-TPED, Rev. 4

End Connection			Basic Ordering Number		Dimension, mm (in.)				
Inlet	Outlet	Specification	Buna N O-Ring	Ethylene Propylene O-Ring	L1	L2	C	D	H
¼ Female NPT	¼ Female NPT	ASME B1.20.1	NDSS-FNS4-8PB-TGCV (NDSS-FNS4-8PB-A-TGCV)	NDSS-FNS4-8PE-TGCV (NDSS-FNS4-8PE-A-TGCV)	26.9 (1.06)		13.5 (0.53)	31 (1.22)	51.8 (2.04)
¼ Male NPT	¼ Male NPT	ASME B1.20.1	NDSS-NS4-8PB-TGCV (NDSS-NS4-8PB-A-TGCV)	NDSS-NS4-8PE-TGCV (NDSS-NS4-8PE-A-TGCV)	28.6 (1.13)				
¾ Male NPT	¾ Male NPT	ASME B1.20.1	NDSS-NS6-8PB-TGCV (NDSS-NS6-8PB-A-TGCV)	NDSS-NS6-8PE-TGCV (NDSS-NS6-8PE-A-TGCV)					
¼ Male NPT	¼ Female NPT	ASME B1.20.1	NDSS-NS4-FNS4-8PB-TGCV (NDSS-NS4-FNS4-8PB-A-TGCV)	NDSS-NS4-FNS4-8PE-TGCV (NDSS-NS4-FNS4-8PE-A-TGCV)					
½ Male NPT	¼ Female NPT	ASME B1.20.1	NDSS-NS8-FNS4-8PB-TGCV (NDSS-NS8-FNS4-8PB-A-TGCV)	NDSS-NS8-FNS4-8PE-TGCV (NDSS-NS8-FNS4-8PE-A-TGCV)	33.5 (1.32)		15.8 (0.62)		54.3 (2.18)
¼ Male NPT	¾ in. FITOK	ASME B1.20.1 ASTM F1387	NDSS-NS4-FL6-8PB-TGCV (NDSS-NS4-FL6-8PB-A-TGCV)	NDSS-NS4-FL6-8PE-TGCV (NDSS-NS4-FL6-8PE-A-TGCV)	28.6 (1.13)	32.8 (1.29)	13.5 (0.53)		51.8 (2.04)
¾ in. FITOK	¾ in. FITOK	ASTM F1387	NDSS-FL6-8PB-TGCV (NDSS-FL6-8PB-A-TGCV)	NDSS-FL6-8PE-TGCV (NDSS-FL6-8PE-A-TGCV)	32.8 (1.29)				

Test Pressure: 207 Barg (3000 psi)
Working Pressure: 172 Barg (2500 psi)
Working Temperature: -20 ~ 65 °C (-4 ~ 150 °F)

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2019 and the following Design Code:

ISO 10297: 2006

As detailed in Design Appraisal Document: SDAC/1790014-01 Issue Number 3 dated 08 September 2017

LRV Reports

Title	Document Number	Date
Design Appraisal Document	SDAC/1790014-01 Issue Number 3	08 September 2017
Visit Report	STH1768008-VR1	14 August 2017

Issue: 02
Date of Issue: 06 September 2019
LRV Notified Body Number: 0038


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