

## 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  
Block C, Zone E, Yingtailong Industrial Park,  
Dalang Street, Shenzhen, Guangdong 518109,  
P.R. China

**Product description:** Gas Cylinder (Type: 4L-SC13-N2-20, 30, 40, 50, 60)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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."**

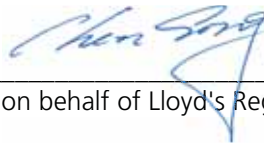
Certificate No: 0038/TPED/MUM/1310170/1

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

LRV Notified Body Number 0038



Song Chen on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A subsidiary of Lloyd's Register Group Limited.

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**EC Type Approval  
FITOK INCORPORATED  
Gas Cylinder (Type: 4L-SC13-N2-20, 30, 40, 50, 60)  
Certificate No: 0038/TPED/MUM/1310170/1 SCHEDULE**

**Equipment data**

**Type:** Pressure Receptacle

**Drawing No:** TPED-CY-1, Rev.5

Model	O/D (mm)	Length (mm)	Capacity (L)	Wall Thickness (mm)
SC13-N2-20	31.8	66	0.02	1.78 (min)
SC13-N2-30	31.8	82	0.03	1.78 (min)
SC13-N2-40	31.8	98.6	0.04	1.78 (min)
SC13-N2-50	31.8	115	0.05	1.78 (min)
SC13-N2-60	31.8	132.6	0.06	1.78 (min)

**Test Pressure:** 200 Barg

**Working Pressure:** 130 Barg

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2017 and the following Design Code:

**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

**LRV Reports**

Title	Document Number	Date
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-1	20 May 2013
	CEN1368022-CY-1	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03

Date of Issue: 14 July 2017

LRV Notified Body Number 0038



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Song Chen on behalf of Lloyd's Register Verification

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Block C, Zone E, Yingtailong Industrial Park,  
Dalang Street, Shenzhen, Guangdong 518109,  
P.R. China

**Product description:** Gas Cylinder (Type: 4L-SC13-N4-30, 40, 50, 60, 70, 75,  
80, 90, 100, 110, 120)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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

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

Certificate No: 0038/TPED/MUM/1310170/2

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

LRV Notified Body Number 0038



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**EC Type Approval**  
**FITOK INCORPORATED**  
**Gas Cylinder (Type: 4L-SC13-N4-30, 40, 50, 60, 70, 75, 80, 90, 100, 110, 120)**  
**Certificate No: 0038/TPED/MUM/1310170/2 SCHEDULE**

**Equipment data**

Type: Drawing No: Model	O/D (mm)	Pressure Receptacle TPED-CY-2, Rev.5 Length (mm)	Capacity (L)	Wall Thickness (mm)
SC13-N4-30	38.1	71	0.03	2.36 (min)
SC13-N4-40	38.1	83	0.04	2.36 (min)
SC13-N4-50	38.1	95	0.05	2.36 (min)
SC13-N4-60	38.1	107	0.06	2.36 (min)
SC13-N4-70	38.1	119	0.07	2.36 (min)
SC13-N4-75	38.1	125	0.075	2.36 (min)
SC13-N4-80	38.1	131	0.08	2.36 (min)
SC13-N4-90	38.1	143	0.09	2.36 (min)
SC13-N4-100	38.1	155	0.10	2.36 (min)
SC13-N4-110	38.1	167	0.11	2.36 (min)
SC13-N4-120	38.1	179	0.12	2.36 (min)

**Test Pressure:** 200 Barg  
**Working Pressure:** 130 Barg

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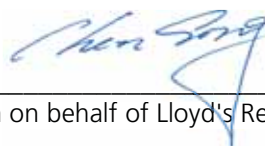
**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

**LRV Reports**

Title	Document Number	Date
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-2	20 May 2013
	CEN1368022-CY-2	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03  
Date of Issue: 14 July 2017  
LRV Notified Body Number 0038



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Block C, Zone E, Yingtailong Industrial Park,  
Dalang Street, Shenzhen, Guangdong 518109,  
P.R. China

**Product description:** Gas Cylinder (Type: 4L-SC10-N4-150, 200, 250, 300, 350,  
400, 450, 500)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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Certificate No: 0038/TPED/MUM/1310170/3

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

LRV Notified Body Number 0038



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**EC Type Approval**  
**FITOK INCORPORATED**  
**Gas Cylinder (Type: 4L-SC10-N4-150, 200, 250, 300, 350, 400, 450, 500)**  
**Certificate No: 0038/TPED/MUM/1310170/3 SCHEDULE**

**Equipment data**

**Type:** Pressure Receptacle

**Drawing No:** TPED-CY-3, Rev.5

Model	O/D (mm)	Length (mm)	Capacity (L)	Wall Thickness (mm)
SC10-N4-150	50.8	133	0.15	2.36 (min)
SC10-N4-200	50.8	165	0.20	2.36 (min)
SC10-N4-250	50.8	196	0.25	2.36 (min)
SC10-N4-300	50.8	227	0.30	2.36 (min)
SC10-N4-350	50.8	258	0.35	2.36 (min)
SC10-N4-400	50.8	290	0.40	2.36 (min)
SC10-N4-450	50.8	320	0.45	2.36 (min)
SC10-N4-500	50.8	340.5	0.50	2.36 (min)

**Test Pressure:** 150 Barg

**Working Pressure:** 100 Barg

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2017 and the following Design Code:

**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

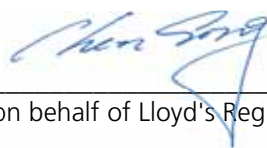
**LRV Reports**

Title	Document Number	Date
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-3	20 May 2013
	CEN1368022-CY-3	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03

Date of Issue: 14 July 2017

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This certificate is issued to:

**Applicant:** FITOK INCORPORATED  
Block C, Zone E, Yingtailong Industrial Park,  
Dalang Street, Shenzhen, Guangdong 518109,  
P.R. China

**Product description:** Gas Cylinder (Type: 4L-SC10-N4-500, 600, 700, 800, 900,  
1000, 1100, 1200, 1300, 1400, 1500, 1600)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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

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

Certificate No: 0038/TPED/MUM/1310170/4

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

LRV Notified Body Number 0038



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**EC Type Approval  
FITOK INCORPORATED  
Gas Cylinder**

**(Type: 4L-SC10-N4-500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600)  
Certificate No: 0038/TPED/MUM/1310170/4 SCHEDULE**

**Equipment data**

**Type:** Pressure Receptacle  
**Drawing No:** TPED-CY-4, Rev.5

Model	O/D (mm)	Length (mm)	Capacity (L)	Wall Thickness (mm)
SC10-N4-500	88.9	170	0.50	4.57 (min)
SC10-N4-600	88.9	191	0.60	4.57 (min)
SC10-N4-700	88.9	213	0.70	4.57 (min)
SC10-N4-800	88.9	234	0.80	4.57 (min)
SC10-N4-900	88.9	256	0.90	4.57 (min)
SC10-N4-1000	88.9	277	1.00	4.57 (min)
SC10-N4-1100	88.9	299	1.10	4.57 (min)
SC10-N4-1200	88.9	320	1.20	4.57 (min)
SC10-N4-1300	88.9	342	1.30	4.57 (min)
SC10-N4-1400	88.9	363	1.40	4.57 (min)
SC10-N4-1500	88.9	385	1.50	4.57 (min)
SC10-N4-1600	88.9	406	1.60	4.57 (min)

**Test Pressure:** 150 Barg  
**Working Pressure:** 100 Barg

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2017 and the following Design Code:

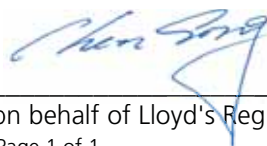
**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

**LRV Reports**

Title	Document Number	Date
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-4	20 May 2013
	CEN1368022-CY-4	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03  
Date of Issue: 14 July 2017  
LRV Notified Body Number 0038



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**Applicant:** FITOK INCORPORATED  
Block C, Zone E, Yingtailong Industrial Park,  
Dalang Street, Shenzhen, Guangdong 518109,  
P.R. China

**Product description:** Gas Cylinder (Type: 4L-SC10-N4-1000, 1500, 2000, 2250,  
2500, 3000, 3785)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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

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Certificate No: 0038/TPED/MUM/1310170/5

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

LRV Notified Body Number 0038



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**EC Type Approval**  
**FITOK INCORPORATED**  
**Gas Cylinder (Type: 4L-SC10-N4-1000, 1500, 2000, 2250, 2500, 3000, 3785)**  
**Certificate No: 0038/TPED/MUM/1310170/5 SCHEDULE**

**Equipment data**

**Type:** Pressure Receptacle

**Drawing No:** TPED-CY-5, Rev.5

Model	O/D (mm)	Length (mm)	Capacity (L)	Wall Thickness (mm)
SC10-N4-1000	101.6	239	1.00	5.23 (min)
SC10-N4-1500	101.6	318	1.50	5.23 (min)
SC10-N4-2000	101.6	397	2.00	5.23 (min)
SC10-N4-2250	101.6	437	2.25	5.23 (min)
SC10-N4-2500	101.6	477	2.50	5.23 (min)
SC10-N4-3000	101.6	556	3.00	5.23 (min)
SC10-N4-3785	101.6	655.5	3.785	5.23 (min)

**Test Pressure:** 150 Barg

**Working Pressure:** 100 Barg

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**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

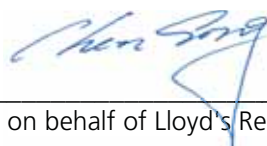
**LRV Reports**

Title	Document Number	Date
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-5	20 May 2013
	CEN1368022-CY-5	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03

Date of Issue: 14 July 2017

LRV Notified Body Number 0038



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P.R. China

**Product description:** Gas Cylinder (Type: 6L-SC10-N4-250, 300, 350, 400, 450,  
500, 550, 600, 650, 700, 750)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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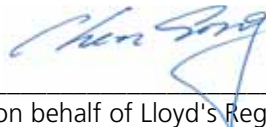
Certificate No: 0038/TPED/MUM/1310170/6

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

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**EC Type Approval  
FITOK INCORPORATED  
Gas Cylinder**

**(Type: Type: 6L-SC10-N4-250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750)  
Certificate No: 0038/TPED/MUM/1310170/6 SCHEDULE**

**Equipment data**

**Type:**  
**Drawing No:**

**Pressure Receptacle**  
**TPED-CY-6, Rev.5**

<b>Model</b>	<b>O/D (mm)</b>	<b>Length (mm)</b>	<b>Capacity (L)</b>	<b>Wall Thickness (mm)</b>
SC10-N4-250	50.8	195	0.25	2.36 (min)
SC10-N4-300	50.8	227	0.30	2.36 (min)
SC10-N4-350	50.8	258	0.35	2.36 (min)
SC10-N4-400	50.8	290	0.40	2.36 (min)
SC10-N4-450	50.8	320	0.45	2.36 (min)
SC10-N4-500	50.8	351	0.50	2.36 (min)
SC10-N4-550	50.8	382	0.55	2.36 (min)
SC10-N4-600	50.8	413	0.60	2.36 (min)
SC10-N4-650	50.8	445	0.65	2.36 (min)
SC10-N4-700	50.8	476	0.70	2.36 (min)
SC10-N4-750	50.8	507	0.75	2.36 (min)

**Test Pressure:** 150 Barg  
**Working Pressure:** 100 Barg

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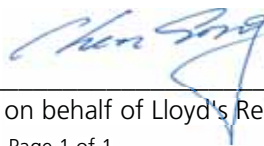
**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

**LRV Reports**

<b>Title</b>	<b>Document Number</b>	<b>Date</b>
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-6	20 May 2013
	CEN1368022-CY-6	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03  
Date of Issue: 14 July 2017  
LRV Notified Body Number 0038



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**Product description:** Gas Cylinder (Type: 6L-SC10-N4-500, 600, 700, 800, 900,  
1000, 1100, 1200, 1300, 1400, 1500, 1600)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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Certificate No: 0038/TPED/MUM/1310170/7

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FITOK INCORPORATED  
Gas Cylinder**

**(Type: 6L-SC10-N4-500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600)  
Certificate No: 0038/TPED/MUM/1310170/7 SCHEDULE**

**Equipment data**

**Type:**  
**Drawing No:**

**Pressure Receptacle**  
**TPED-CY-7, Rev.5**

Model	O/D (mm)	Length (mm)	Capacity (L)	Wall Thickness (mm)
SC10-N4-500	88.9	170	0.50	4.57 (min)
SC10-N4-600	88.9	191	0.60	4.57 (min)
SC10-N4-700	88.9	213	0.70	4.57 (min)
SC10-N4-800	88.9	234	0.80	4.57 (min)
SC10-N4-900	88.9	256	0.90	4.57 (min)
SC10-N4-1000	88.9	277	1.00	4.57 (min)
SC10-N4-1100	88.9	299	1.10	4.57 (min)
SC10-N4-1200	88.9	320	1.20	4.57 (min)
SC10-N4-1300	88.9	342	1.30	4.57 (min)
SC10-N4-1400	88.9	363	1.40	4.57 (min)
SC10-N4-1500	88.9	385	1.50	4.57 (min)
SC10-N4-1600	88.9	406	1.60	4.57 (min)

**Test Pressure:** 150 Barg  
**Working Pressure:** 100 Barg

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2017 and the following Design Code:

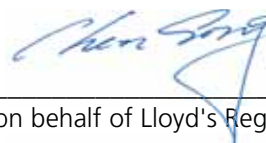
**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

**LRV Reports**

Title	Document Number	Date
Design Appraisal Document	SDAC/1790119 Issue Number 0	13 July 2017
Inspection Certificate	CEN1368023-CY-7	20 May 2013
	CEN1368022-CY-7	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03  
Date of Issue: 14 July 2017  
LRV Notified Body Number 0038



Song Chen on behalf of Lloyd's Register Verification

## 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  
Block C, Zone E, Yingtailong Industrial Park,  
Dalang Street, Shenzhen, Guangdong 518109,  
P.R. China

**Product description:** Gas Cylinder  
(Type: 6L-SC30-N4-150, 200, 250, 300, 350, 400, 450, 500)

**Product type:** Pressure Receptacle

**Design standard:** EN 1964-3: 2000

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."**

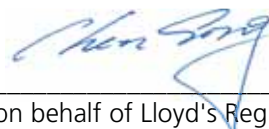
Certificate No: 0038/TPED/MUM/1310170/8

Original Approval: 04 July 2013

Current Certificate: 14 July 2017

Certificate Expiry: 03 July 2023

LRV Notified Body Number 0038



Song Chen on behalf of Lloyd's Register Verification

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**EC Type Approval  
FITOK INCORPORATED  
Gas Cylinder (Type: 6L-SC30-N4-150, 200, 250, 300, 350, 400, 450, 500)  
Certificate No: 0038/TPED/MUM/1310170/8 SCHEDULE**

**Equipment data**

**Type:** Pressure Receptacle

**Drawing No:** TPED-CY-8, Rev.5

Model	O/D (mm)	Length (mm)	Capacity (L)	Wall Thickness (mm)
SC30-N4-150	48.3	203	0.15	6.10 (min)
SC30-N4-200	48.3	259	0.20	6.10 (min)
SC30-N4-250	48.3	314	0.25	6.10 (min)
SC30-N4-300	48.3	368	0.30	6.10 (min)
SC30-N4-350	48.3	429	0.35	6.10 (min)
SC30-N4-400	48.3	477	0.40	6.10 (min)
SC30-N4-450	48.3	531	0.45	6.10 (min)
SC30-N4-500	48.3	552	0.50	6.10 (min)

**Test Pressure:** 450 Barg

**Working Pressure:** 300 Barg

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2017 and the following Design Code:

**EN 1964-3: 2000**

As detailed in Design Appraisal Document Number SDAC/1790119 Issue Number 0 dated 13 July 2017

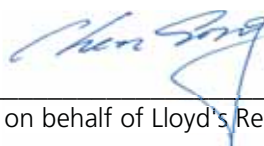
**LRV Reports**

Title	Document Number	Date
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	CEN1368022-CY-8	20 May 2013
Visit Report	V1368022 & 23-1	20 May 2013

Issue: 03

Date of Issue: 14 July 2017

LRV Notified Body Number 0038



Song Chen on behalf of Lloyd's Register Verification