

Industry & Facilities Division



INSPECTION CERTIFICATE N°INS/S-GZ-13/185

BV Job Nr: INS/S-GZ-13/185

PROJECT: <i>Third Party Inspection of Witness the testing process</i>	Ref: <i>INS/S-GZ-13/185</i>
BV Client: <i>FITOK GmbH</i>	P/o nr: <i>INS/S-GZ-13/185</i> <i>(client to BV)</i>
Manufacturer: <i>FITOK INCORPORATED (China)</i> Add: <i>Yingtailing industrial Park, Dalangstreet, Bao'an, Shenzhen, Guangdong 518109, China</i>	P/o nr: / <i>(client to Manufacturer)</i>
Inspection requested by: <i>FITOK GmbH</i>	

SUPPLY / SUBJECT OF INSPECTION	ITEM / TAG Nr	QTY
Stainless steel tube fittings	1/4"	66
	1/2"	66
	3/4"	66
	1"	66

Scope of inspection:

- **Particulars:** *(variations to the PO, items not inspected, total quantity, sampling, instruments...);*
(1) BV scope of work:

Witness the testing process A2, A3, A4, A5, A6, A7, A8, A9, A10, S2 & S3 listed in the contract and relevant standard.

(2) When BV inspector arrived on site, the samples of the fittings had been prepared and ready for testing. Details mentioned above.

- 1) BV inspector witnessed the test A2 (EXAMINATION OF SPECIMEN), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 2) BV inspector witnessed the test A3 (PNEUMATIC PROOF TESTING), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 3) BV inspector witnessed the test A4 (HYDROSTATIC PROOF TESTING), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 4) BV inspector witnessed the test A5 (IMPULSE TESTING), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 5) BV inspector witnessed the test A6 (FLEXURE FATIGUE TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 6) BV inspector witnessed the test A7 (TENSILE TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 7) BV inspector witnessed the test A8 (HYDROSTATIC BURST TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 8) BV inspector witnessed the test A9 (REPEATED ASSEMBLY TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.



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- 9) BV inspector witnessed the test A10 (ROTARY FLEX TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 10) BV inspector witnessed the test S2 (THERMAL CYCLING TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.
- 11) BV inspector witnessed the test S3 (ELEVATED TEMPERATURE SOAK TEST), and found acceptable according the relevant standard. Details refer to the annex testing report.

➤ **Reference documents used for inspection:** (list with revision numbers):

Title	Reference n°	Rev.	Approved by	Date
Standard Specification for Performance of Piping and Tubing Mechanically Attached Fittings	ASTM F 1387	1999+ reapproved 2005	ASTM	2005
Testing specification	/	/	Client	/
Contract	INS/S-GZ-13/185	0	Client	2013-09-04

➤ **Place of inspection & date or period:**

Inspection Place: Shenzhen City, Guangdong Province, China.

Inspection Date: Sep. 22- Oct. 25, 2013

➤ **Marking and stamping:** (type and location):

N/A

➤ **Annexes to this certificate:** (Total number of pages):

ASTM F1387 Test Report (total 49 pages)

The undersigned, inspector to Bureau Veritas, certifies that the hereabove mentioned supply was inspected in conformity with the applicable requirements of the purchase order and the contractual requirements governing the mission entrusted to Bureau Veritas without any remarks.

Inspected by:

Name: Jian Ding

Signature:

Date of issue: Nov. 04, 2013

Inspection centre: BV Guangzhou



Checked by:...

Name: Qi Wang

Signature:



Distribution: CLIENT

MANUFACTURER