



Inspection Report

Client:	JINDEX PTY LTD
Job No.:	J1855
Product:	Valves-1pcs DN600 Knifegate, 2pcs DN700 Knifegates
Inspector:	Effren Wang
Inspection location:	Wenzhou City
Date of inspection:	May.13-14,2021

Important Note 重要说明

All orders are accepted and all reports and certificates issued subject to the General Conditions of Service (copy available upon request).
所有被接受的委托指示和所有出具的报告和证书都受“服务通用条款”约束 (该条款副本备案).

Inspection Narrative Summation

1. SICE inspector checked the dimensions of 3 valves according to the drawings, the results were acceptable, refer to Attachment Dimension Drawings .
2. SICE inspector performed visual test for the welds of 3 valves, found the weld size is 3.8-5mm.
3. SICE inspector performed visual test for the 3 valves, including threaded holes, gearbox, resilient seat, bolts and nuts, found the results were acceptable.
4. SICE inspector performed mechanical inspection, including check the status when fully opening&closing the valves, found the results were acceptable according to *Jindex Inspection Manual*.
5. SICE inspector witnessed the hydrostatic test of 3 valves according to *Jindex Inspection Manual*, the results were acceptable, refer to Attachment Pressure Test Certificates.

The hydrostatic test of 3 valves according to *Jindex Inspection Manual*. The pressure gauge (0~6Mpa) is valid, for details as below:

Item	Serial No.	Req.Test Pressure (MPa)	Act.Test Pressure (MPa)	Water Temp. (°C)	Duration (Min.)	Result
1	DN600	0.24	0.25	22	3	Satisfactory
2	DN700	0.24	0.25	24	3	Satisfactory
3	DN700	0.24	0.25	22	3	Satisfactory

Document Review

1.Material certificates reviewed

- 1.1 SICE inspector reviewed the material certificates of Body/Bonnet, Gate, Shaft and Stem, found all the material certificates were acceptable.

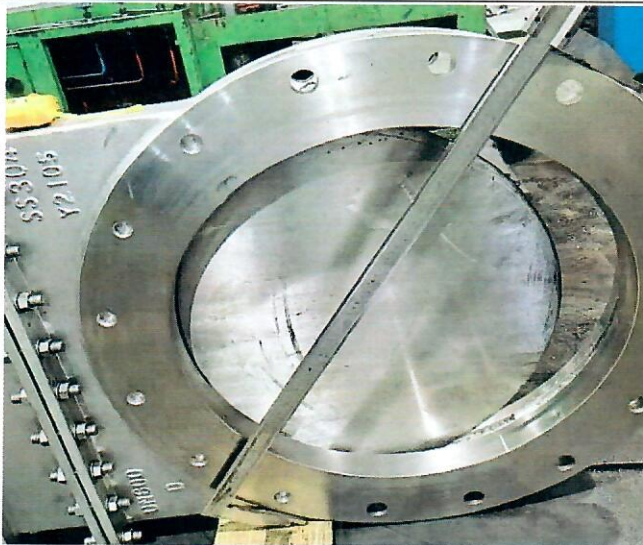
No.	Name	Material Code	Heat No.	Result	PO No.
1	Body	ASTM A240 304	Y2105	Yes	406758
2	Bonnet	ASTM A240 304	Y2105	Yes	406758
3	Gate	ASTM A240 304	Y2105	Yes	406758
4	Stem	ASTM A276 304	/	Yes	406758

Attachment

Photos

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Picture 1. Check the dimension



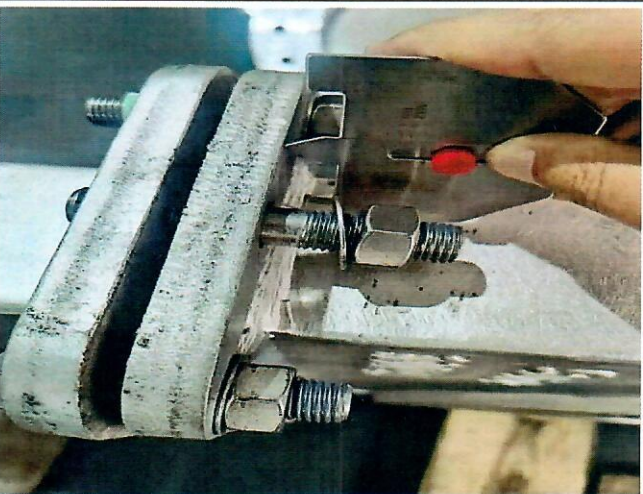
Picture 2. Check the dimension



Picture 3. Check grease of gearbox



Picture 4. Check Marking of Nut



Picture 5. Check Weld Size



Picture 6. Check opening valve

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Picture 7. Check opening valve



Picture 8. Check closing valve



Picture 9. Witness the hydrostatic test



Picture 10. Witness the hydrostatic test



Picture 11. Witness the hydrostatic test



Picture 12. Witness the hydrostatic test

Important Note 重要说明

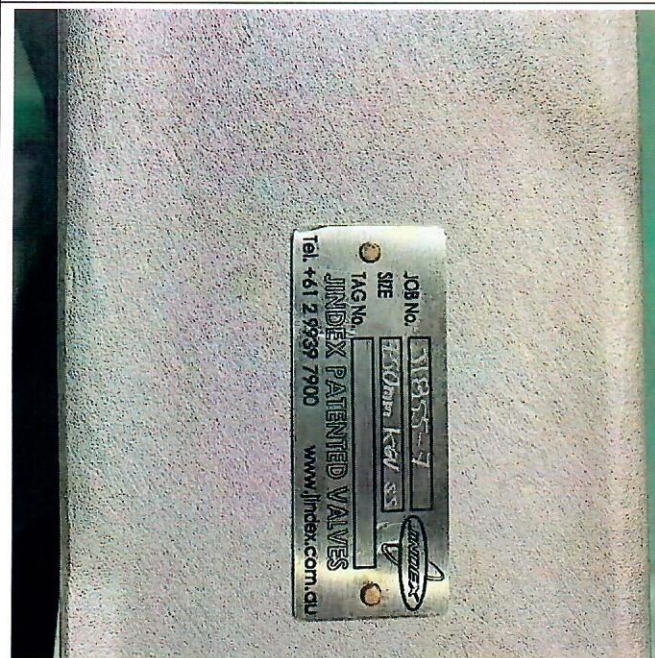
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Picture 13. Witness the hydrostatic test

Seat Leakage Test Certificate Form	
Inspector to fill out yellow cells	
Test Number: 1	Test Date: May 13, 2017
Test regime: Batch / Individual	Product Code: 750mm KGV-55 #1
Customer: Jindex	Job Number: J1855
Size: 750mm	Calculated Actuator Thrust: NA
	Air Supply Pressure for Actuator: NA
	Seat Material: 304M
	Test Water Temperature: 24 °C
	Ambient Temperature: 31 °C
	Leakage rate: 0 ml/min
	Test Result: Pass / Fail
Leakage Class: API 598 Class IV	
Medium: Water	
Test pressure: 240 Kpa	
Test Duration: 120 secs	
Tested By: Xiaoyu Fan	
Signature: [Signature]	
Inspector Name: [Signature]	
Signature: [Signature]	
SICE INSPECTION TESTING	
INSPECTOR NO: IND 59008	
Tested in accordance with QA-PDS	

Picture 14. Hydrostatic test reports



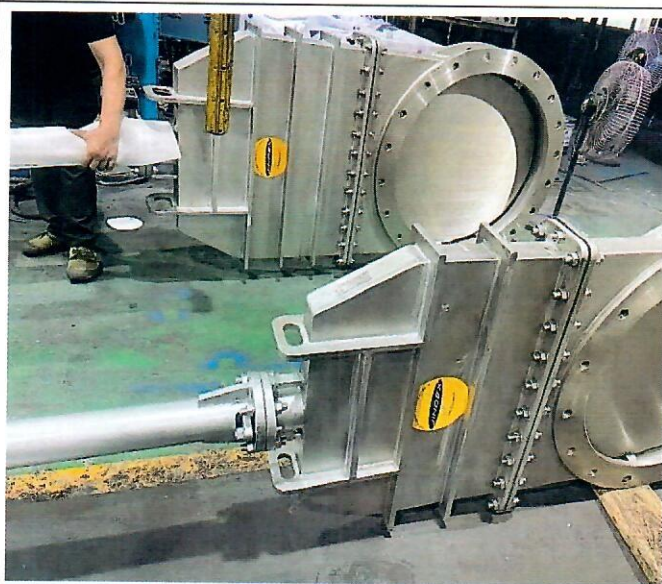
Picture 15. Check the location of nameplate



Picture 16. Check the location of nameplate

Important Note 重要说明

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Picture 17. Check the location of nameplate

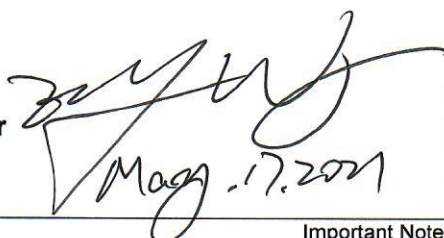


Picture 18. Check the packing

Remarks

1. This report only reflects our findings at time and place indicated above only and does not refer to any other matters.
2. This inspection has been carried out to the best of our knowledge and ability and our responsibility is limited to the exercise of reasonable care.
3. All orders are accepted and all reports and certificates issued subject to the General Conditions of Service. (copy available upon request)

Issued by
Effren Wang
Senior Inspector
May 17, 2021



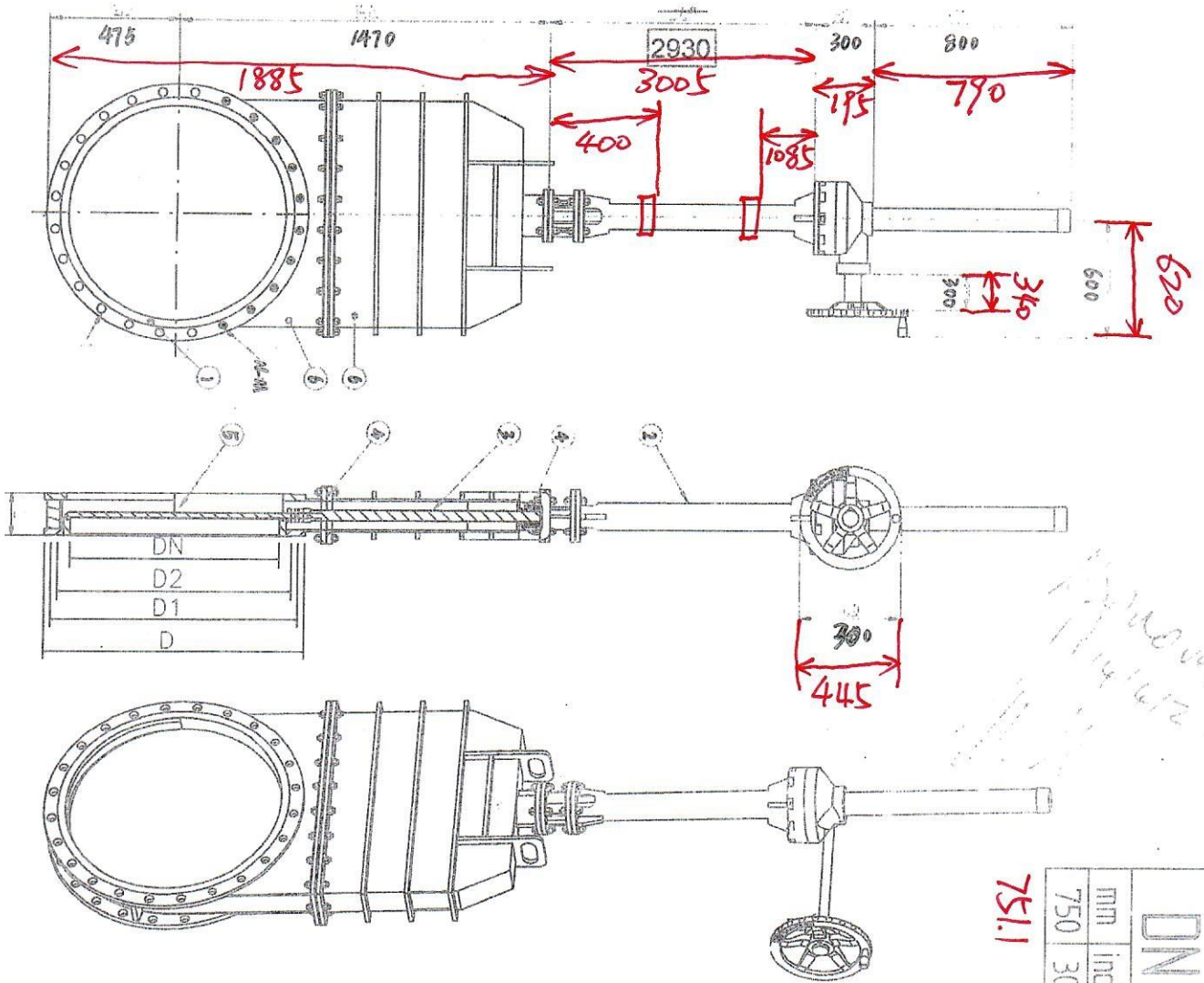
May 17, 2021

Reviewed by
Hubert Dai
Section Head
May 17, 2021




Important Note 重要说明

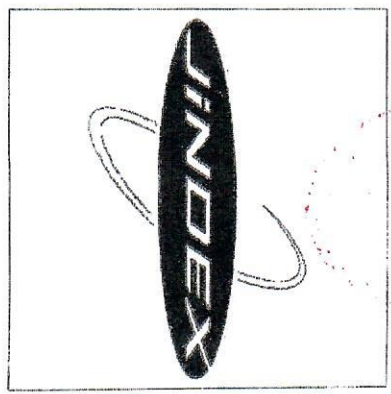
All orders are accepted and all reports and certificates issued subject to the General Conditions of Service (copy available upon request).
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DN	L	FLANGE CONNECTION				
		D	ΦD1	ΦD2	NxM	Φb
mm	inch	mm	mm	mm	mm	mm
750	30"	160	995	927	20-30	33

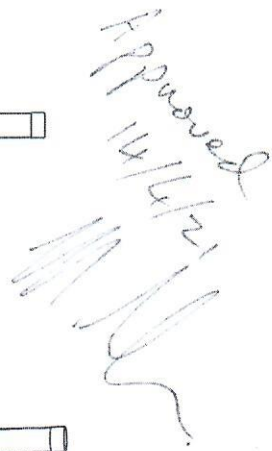
751.1 161.9 994.8 926

FLANGE AS2129 TABLE "D"
 FLANGE THICKNESS: 41mm
 APPROX WEIGHT: 550kg
 33.2
 28.9




order	Name	Number	Material	Remarks
6	VALVE BODY	1	304	
5	VALVE GATE	1	304	
4	PACKING		PTFE	
3	STEM	1	304	
2	GEARBOX SUPPORT	1	304	
1	SEAT	1	EPDM	

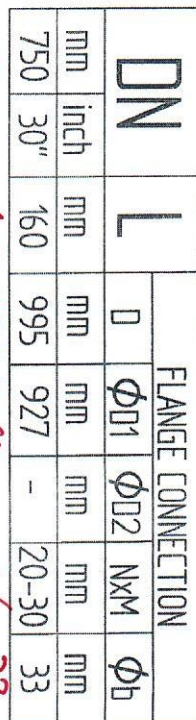
ASSEMBLY DRAWING DN750
 JINDEX KNIFE GATE VALVES



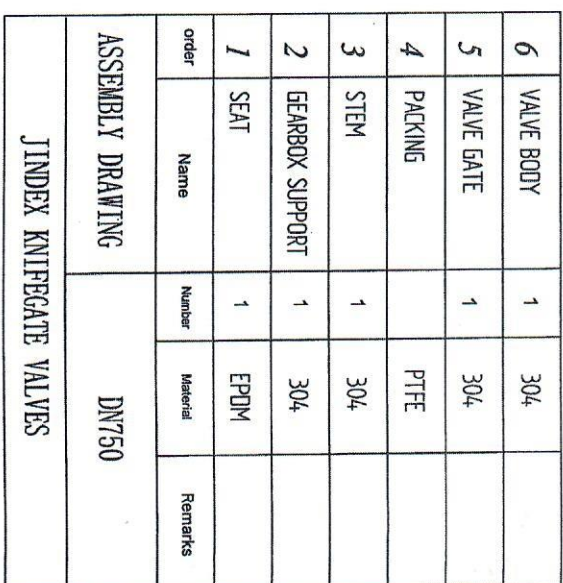
601 116 825 7557 ✓ 30.3
FLANGE: AS2129 TABLE "D"
FLANGE THICKNESS: 32mm
APPROX WEIGHT: 400kg
28.7



The JINDEX logo is a stylized graphic. It features a dark, vertically oriented oval with the word "JINDEX" written in white, bold, sans-serif capital letters. The oval is flanked by two curved, light-colored lines that sweep upwards and outwards, resembling stylized wings or a dynamic motion.



751 161.9 987 926.5



JINDEX KNIFE GATE VALVES



Document #: QA-F05
Page 1 of 1
Department : Quality Assurance
Revision : 0
Author : George Hinings
Printed documents are uncontrolled

Seat Leakage Test Certificate Form

Inspector to fill out yellow cells

Test Number : 1

Test Date: May. 13, 2021

Test regime: Batch / Individual

Product Code: 750mm KGV - SS #1

Customer: Jindex

Job Number: J1855

Size : 750mm

Calculated Actuator Thrust: NA

Air Supply Pressure for Actuator: NA

Seat Material: EPDM

Test Water Temperature: 24 °C

Ambient Temperature: 31 °C

Leakage rate: 0 ml/min

Test Result: Pass / Fail

Leakage Class: API 598 Class IV

Medium: Water

Test pressure: 240 Kpa

Test Duration: 120 secs

Tested By: Xiaoyu Fan

Signature: 吴小宇

Inspector Name: Effren Wang

Signature: [Signature]
SIC Inspection & Testing
INSPECTOR NO: INO SH008
May. 13, 2021



Document #: QA-F05
Page 1 of 1
Department : Quality Assurance
Revision : 0
Author : George Hinings
Printed documents are uncontrolled

Seat Leakage Test Certificate Form

Inspector to fill out yellow cells

Test Number : 1

Test Date: May. 14, 2021

Test regime: Batch / Individual

Product Code: 600mm KGV - SS

Customer: Jindex

Job Number: J1855

Size : 600mm

Calculated Actuator Thrust: NA

Air Supply Pressure for Actuator: NA

Seat Material: EPDM

Test Water Temperature: 22 °C

Ambient Temperature: 32 °C

Leakage rate: 0 ml/min

Test Result: Pass / Fail

Leakage Class: API 598 Class IV

Medium: Water

Test pressure: 240 Kpa

Test Duration: 120 secs

Tested By: Xiaoyu Fan.

Signature: 见小方

Inspector Name: Eric Wang

Signature: Eric Wang



Seat Leakage Test Certificate Form

Document #: QA-F05

Page 1 of 1

Department : Quality Assurance

Revision : 0

Author : George Hinings

Printed documents are uncontrolled

Inspector to fill out yellow cells

Test Number : 1

Test Date: May 14 2021

Test regime: Batch / Individual

Product Code: 750mm KGV - SS #2

Customer: Jindex

Job Number: J1855

Size : 750mm

Calculated Actuator

Thrust: NA

Air Supply Pressure

for Actuator: NA

Seat Material: 3PDM

Test Water Temperature: 22 °C

Ambient Temperature: 33 °C

Leakage rate: 0 ml/min

Leakage Class: API 598 Class IV

Medium: Water

Test pressure: 240 Kpa

Test Duration: 120 secs

Test Result: Pass / Fail

Tested By: Xiaoyu Fan

Signature: [Signature]

Inspector Name: Effren Wang

Signature: [Signature] May 14 2021

