

TEST REPORT

SGS Report No.	IN-CZ-5821-240161-01		
SGS Order No.	SHP24-041050		
SGS Contact Information (Coordinator Information)	Contact Person	Tao Song	
	Telephone	+86 13404267822	
	Email	Tao.song@sgs.com	
Client			
Client Contact Information	Contact Person		
	Telephone		
	Email		
Object Tested	Aluminum Forging Ring		
Testing Location			
Testing Items	Results (Acceptable / Rejected/ Pending)		
UT	Acceptable		
Date of Testing	Dec.22~Dec.27, 2024	Inspector	Rambo Tian

Abnormal Items and Outstanding Issues

N/A

Reference Documents

ASTM B594-19 Standard Practice for Ultrasonic Inspection of Aluminum-Alloy Wrought Products¹

Testing Narrative Summation

At the request of _____ SGS inspector visited
on Dec.22~Dec.27, 2024 to carry out UT to Aluminum Forging Ring.

List of test samples:

Material No	Specification(mm)	QTY.	Testing Method
7075-T7352	OD1300*ID1200*H185	19 pcs	UT
7075-T7352	OD580*ID310*H60	29 pcs	UT
7075-T7352	OD470*ID230*H70	10 pcs	UT
7075-T7352	OD670*ID395*H100	20 pcs	UT
7075-T7352	OD1000*ID930*H120	25 pcs	UT
7075-T7352	OD690*ID385*H180	27 pcs	UT
7075-T7352	OD480*ID375*H70	30 pcs	UT
7075-T7352	OD530*ID315*H60	28 pcs	UT
7075-T7352	OD250*H185	70 pcs	UT

Ultrasonic Testing

UT has been performed to 258 pieces of luminum Forging Rings based on the requirement of the client and testing standard ASTM B594-19, no defect which goes beyond the limit of Class A of the acceptance criteria ASTM B594-19 has been found during this testing, the result is acceptable.

Sample Name	Aluminum Forging Ring	Product Specification	See Below Table
Material and Mark	7075-T7352	Product or Lot No.	See Below Table
Instrument Type /No.	EPOCH 650 / CZNDT-117	Testing Time	Designated by the client
Probe Type	B2S, MB2S, MSEB4	Testing Quantity	258 pcs
Block	7075-T6/Φ1.2mm	Area Tested	100% Whole
Couplant	Oil	Surface Condition	Clean

Scanning Method	100% scanning	Transfer Correction	2dB
Testing Standard	ASTM B594-19	Testing Sensitivity	DAC: $\Phi 1.2\text{mm}-80\%$ Bottom wave calculation method: $\Phi 1.2\text{mm}-80\%$
Acceptance Criteria	ASTM B594-19 Class A	Testing Temperature	13°C

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
1.	OD1300*ID1200*H185-1	185/50	---	---	---	---	---	---	---	Acc.	---
2.	OD1300*ID1200*H185-2	185/50	---	---	---	---	---	---	---	Acc.	---
3.	OD1300*ID1200*H185-3	185/50	---	---	---	---	---	---	---	Acc.	---
4.	OD1300*ID1200*H185-4	185/50	---	---	---	---	---	---	---	Acc.	---
5.	OD1300*ID1200*H185-5	185/50	---	---	---	---	---	---	---	Acc.	---
6.	OD1300*ID1200*H185-6	185/50	---	---	---	---	---	---	---	Acc.	---
7.	OD1300*ID1200*H185-7	185/50	---	---	---	---	---	---	---	Acc.	---
8.	OD1300*ID1200*H185-8	185/50	---	---	---	---	---	---	---	Acc.	---
9.	OD1300*ID1200*H185-9	185/50	---	---	---	---	---	---	---	Acc.	---
10.	OD1300*ID1200*H185-10	185/50	---	---	---	---	---	---	---	Acc.	---
11.	OD1300*ID1200*H185-11	185/50	---	---	---	---	---	---	---	Acc.	---
12.	OD1300*ID1200*H185-12	185/50	---	---	---	---	---	---	---	Acc.	---
13.	OD1300*ID1200*H185-13	185/50	---	---	---	---	---	---	---	Acc.	---
14.	OD1300*ID1200*H185-14	185/50	---	---	---	---	---	---	---	Acc.	---
15.	OD1300*ID1200*H185-15	185/50	---	---	---	---	---	---	---	Acc.	---
16.	OD1300*ID1200*H185-16	185/50	---	---	---	---	---	---	---	Acc.	---
17.	OD1300*ID1200*H185-17	185/50	---	---	---	---	---	---	---	Acc.	---
18.	OD1300*ID1200*H185-18	185/50	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
19.	OD1300*ID1200*H185-19	185/50	---	---	---	---	---	---	---	Acc.	---
20.	OD580*ID310*H60-1	60/135	---	---	---	---	---	---	---	Acc.	---
21.	OD580*ID310*H60-2	60/135	---	---	---	---	---	---	---	Acc.	---
22.	OD580*ID310*H60-3	60/135	---	---	---	---	---	---	---	Acc.	---
23.	OD580*ID310*H60-4	60/135	---	---	---	---	---	---	---	Acc.	---
24.	OD580*ID310*H60-5	60/135	---	---	---	---	---	---	---	Acc.	---
25.	OD580*ID310*H60-6	60/135	---	---	---	---	---	---	---	Acc.	---
26.	OD580*ID310*H60-7	60/135	---	---	---	---	---	---	---	Acc.	---
27.	OD580*ID310*H60-8	60/135	---	---	---	---	---	---	---	Acc.	---
28.	OD580*ID310*H60-9	60/135	---	---	---	---	---	---	---	Acc.	---
29.	OD580*ID310*H60-10	60/135	---	---	---	---	---	---	---	Acc.	---
30.	OD580*ID310*H60-11	60/135	---	---	---	---	---	---	---	Acc.	---
31.	OD580*ID310*H60-12	60/135	---	---	---	---	---	---	---	Acc.	---
32.	OD580*ID310*H60-13	60/135	---	---	---	---	---	---	---	Acc.	---
33.	OD580*ID310*H60-14	60/135	---	---	---	---	---	---	---	Acc.	---
34.	OD580*ID310*H60-15	60/135	---	---	---	---	---	---	---	Acc.	---
35.	OD580*ID310*H60-16	60/135	---	---	---	---	---	---	---	Acc.	---
36.	OD580*ID310*H60-17	60/135	---	---	---	---	---	---	---	Acc.	---
37.	OD580*ID310*H60-18	60/135	---	---	---	---	---	---	---	Acc.	---
38.	OD580*ID310*H60-19	60/135	---	---	---	---	---	---	---	Acc.	---
39.	OD580*ID310*H60-20	60/135	---	---	---	---	---	---	---	Acc.	---
40.	OD580*ID310*H60-21	60/135	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
41.	OD580*ID310*H60-22	60/135	---	---	---	---	---	---	---	Acc.	---
42.	OD580*ID310*H60-23	60/135	---	---	---	---	---	---	---	Acc.	---
43.	OD580*ID310*H60-24	60/135	---	---	---	---	---	---	---	Acc.	---
44.	OD580*ID310*H60-25	60/135	---	---	---	---	---	---	---	Acc.	---
45.	OD580*ID310*H60-26	60/135	---	---	---	---	---	---	---	Acc.	---
46.	OD580*ID310*H60-27	60/135	---	---	---	---	---	---	---	Acc.	---
47.	OD580*ID310*H60-28	60/135	---	---	---	---	---	---	---	Acc.	---
48.	OD580*ID310*H60-29	60/135	---	---	---	---	---	---	---	Acc.	---
49.	OD470*ID230*H70-1	70/120	---	---	---	---	---	---	---	Acc.	---
50.	OD470*ID230*H70-2	70/120	---	---	---	---	---	---	---	Acc.	---
51.	OD470*ID230*H70-3	70/120	---	---	---	---	---	---	---	Acc.	---
52.	OD470*ID230*H70-4	70/120	---	---	---	---	---	---	---	Acc.	---
53.	OD470*ID230*H70-5	70/120	---	---	---	---	---	---	---	Acc.	---
54.	OD470*ID230*H70-6	70/120	---	---	---	---	---	---	---	Acc.	---
55.	OD470*ID230*H70-7	70/120	---	---	---	---	---	---	---	Acc.	---
56.	OD470*ID230*H70-8	70/120	---	---	---	---	---	---	---	Acc.	---
57.	OD470*ID230*H70-9	70/120	---	---	---	---	---	---	---	Acc.	---
58.	OD470*ID230*H70-10	70/120	---	---	---	---	---	---	---	Acc.	---
59.	OD670*ID395*H100-1	100/137	---	---	---	---	---	---	---	Acc.	---
60.	OD670*ID395*H100-2	100/137	---	---	---	---	---	---	---	Acc.	---
61.	OD670*ID395*H100-3	100/137	---	---	---	---	---	---	---	Acc.	---
62.	OD670*ID395*H100-4	100/137	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
63.	OD670*ID395*H100-5	100/137	---	---	---	---	---	---	---	Acc.	---
64.	OD670*ID395*H100-6	100/137	---	---	---	---	---	---	---	Acc.	---
65.	OD670*ID395*H100-7	100/137	---	---	---	---	---	---	---	Acc.	---
66.	OD670*ID395*H100-8	100/137	---	---	---	---	---	---	---	Acc.	---
67.	OD670*ID395*H100-9	100/137	---	---	---	---	---	---	---	Acc.	---
68.	OD670*ID395*H100-10	100/137	---	---	---	---	---	---	---	Acc.	---
69.	OD670*ID395*H100-11	100/137	---	---	---	---	---	---	---	Acc.	---
70.	OD670*ID395*H100-12	100/137	---	---	---	---	---	---	---	Acc.	---
71.	OD670*ID395*H100-13	100/137	---	---	---	---	---	---	---	Acc.	---
72.	OD670*ID395*H100-14	100/137	---	---	---	---	---	---	---	Acc.	---
73.	OD670*ID395*H100-15	100/137	---	---	---	---	---	---	---	Acc.	---
74.	OD670*ID395*H100-16	100/137	---	---	---	---	---	---	---	Acc.	---
75.	OD670*ID395*H100-17	100/137	---	---	---	---	---	---	---	Acc.	---
76.	OD670*ID395*H100-18	100/137	---	---	---	---	---	---	---	Acc.	---
77.	OD670*ID395*H100-19	100/137	---	---	---	---	---	---	---	Acc.	---
78.	OD670*ID395*H100-20	100	---	---	---	---	---	---	---	Acc.	---
79.	OD1000*ID930*H120-1	120/35	---	---	---	---	---	---	---	Acc.	---
80.	OD1000*ID930*H120-2	120/35	---	---	---	---	---	---	---	Acc.	---
81.	OD1000*ID930*H120-3	120/35	---	---	---	---	---	---	---	Acc.	---
82.	OD1000*ID930*H120-4	120/35	---	---	---	---	---	---	---	Acc.	---
83.	OD1000*ID930*H120-5	120/35	---	---	---	---	---	---	---	Acc.	---
84.	OD1000*ID930*H120-6	120/35	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
85.	OD1000*ID930*H120-7	120/35	---	---	---	---	---	---	---	Acc.	---
86.	OD1000*ID930*H120-8	120/35	---	---	---	---	---	---	---	Acc.	---
87.	OD1000*ID930*H120-9	120/35	---	---	---	---	---	---	---	Acc.	---
88.	OD1000*ID930*H120-10	120/35	---	---	---	---	---	---	---	Acc.	---
89.	OD1000*ID930*H120-11	120/35	---	---	---	---	---	---	---	Acc.	---
90.	OD1000*ID930*H120-12	120/35	---	---	---	---	---	---	---	Acc.	---
91.	OD1000*ID930*H120-13	120/35	---	---	---	---	---	---	---	Acc.	---
92.	OD1000*ID930*H120-14	120/35	---	---	---	---	---	---	---	Acc.	---
93.	OD1000*ID930*H120-15	120/35	---	---	---	---	---	---	---	Acc.	---
94.	OD1000*ID930*H120-16	120/35	---	---	---	---	---	---	---	Acc.	---
95.	OD1000*ID930*H120-17	120/35	---	---	---	---	---	---	---	Acc.	---
96.	OD1000*ID930*H120-18	120/35	---	---	---	---	---	---	---	Acc.	---
97.	OD1000*ID930*H120-19	120/35	---	---	---	---	---	---	---	Acc.	---
98.	OD1000*ID930*H120-20	120/35	---	---	---	---	---	---	---	Acc.	---
99.	OD1000*ID930*H120-21	120/35	---	---	---	---	---	---	---	Acc.	---
100.	OD1000*ID930*H120-22	120/35	---	---	---	---	---	---	---	Acc.	---
101.	OD1000*ID930*H120-23	120/35	---	---	---	---	---	---	---	Acc.	---
102.	OD1000*ID930*H120-24	120/35	---	---	---	---	---	---	---	Acc.	---
103.	OD1000*ID930*H120-25	120/35	---	---	---	---	---	---	---	Acc.	---
104.	OD690*ID385*H180-1	180/152	---	---	---	---	---	---	---	Acc.	---
105.	OD690*ID385*H180-2	180/152	---	---	---	---	---	---	---	Acc.	---
106.	OD690*ID385*H180-3	180/152	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
107.	OD690*ID385*H180-4	180/152	---	---	---	---	---	---	---	Acc.	---
108.	OD690*ID385*H180-5	180/152	---	---	---	---	---	---	---	Acc.	---
109.	OD690*ID385*H180-6	180/152	---	---	---	---	---	---	---	Acc.	---
110.	OD690*ID385*H180-7	180/152	---	---	---	---	---	---	---	Acc.	---
111.	OD690*ID385*H180-8	180/152	---	---	---	---	---	---	---	Acc.	---
112.	OD690*ID385*H180-9	180/152	---	---	---	---	---	---	---	Acc.	---
113.	OD690*ID385*H180-10	180/152	---	---	---	---	---	---	---	Acc.	---
114.	OD690*ID385*H180-11	180/152	---	---	---	---	---	---	---	Acc.	---
115.	OD690*ID385*H180-12	180/152	---	---	---	---	---	---	---	Acc.	---
116.	OD690*ID385*H180-13	180/152	---	---	---	---	---	---	---	Acc.	---
117.	OD690*ID385*H180-14	180/152	---	---	---	---	---	---	---	Acc.	---
118.	OD690*ID385*H180-15	180/152	---	---	---	---	---	---	---	Acc.	---
119.	OD690*ID385*H180-16	180/152	---	---	---	---	---	---	---	Acc.	---
120.	OD690*ID385*H180-17	180/152	---	---	---	---	---	---	---	Acc.	---
121.	OD690*ID385*H180-18	180/152	---	---	---	---	---	---	---	Acc.	---
122.	OD690*ID385*H180-19	180/152	---	---	---	---	---	---	---	Acc.	---
123.	OD690*ID385*H180-20	180/152	---	---	---	---	---	---	---	Acc.	---
124.	OD690*ID385*H180-21	180/152	---	---	---	---	---	---	---	Acc.	---
125.	OD690*ID385*H180-22	180/152	---	---	---	---	---	---	---	Acc.	---
126.	OD690*ID385*H180-23	180/152	---	---	---	---	---	---	---	Acc.	---
127.	OD690*ID385*H180-24	180/152	---	---	---	---	---	---	---	Acc.	---
128.	OD690*ID385*H180-25	180/152	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
129.	OD690*ID385*H180-26	180/152	---	---	---	---	---	---	---	Acc.	---
130.	OD690*ID385*H180-27	180/152	---	---	---	---	---	---	---	Acc.	---
131.	OD480*ID375*H70-1	70/52	---	---	---	---	---	---	---	Acc.	---
132.	OD480*ID375*H70-2	70/52	---	---	---	---	---	---	---	Acc.	---
133.	OD480*ID375*H70-3	70/52	---	---	---	---	---	---	---	Acc.	---
134.	OD480*ID375*H70-4	70/52	---	---	---	---	---	---	---	Acc.	---
135.	OD480*ID375*H70-5	70/52	---	---	---	---	---	---	---	Acc.	---
136.	OD480*ID375*H70-6	70/52	---	---	---	---	---	---	---	Acc.	---
137.	OD480*ID375*H70-7	70/52	---	---	---	---	---	---	---	Acc.	---
138.	OD480*ID375*H70-8	70/52	---	---	---	---	---	---	---	Acc.	---
139.	OD480*ID375*H70-9	70/52	---	---	---	---	---	---	---	Acc.	---
140.	OD480*ID375*H70-10	70/52	---	---	---	---	---	---	---	Acc.	---
141.	OD480*ID375*H70-11	70/52	---	---	---	---	---	---	---	Acc.	---
142.	OD480*ID375*H70-12	70/52	---	---	---	---	---	---	---	Acc.	---
143.	OD480*ID375*H70-13	70/52	---	---	---	---	---	---	---	Acc.	---
144.	OD480*ID375*H70-14	70/52	---	---	---	---	---	---	---	Acc.	---
145.	OD480*ID375*H70-15	70/52	---	---	---	---	---	---	---	Acc.	---
146.	OD480*ID375*H70-16	70/52	---	---	---	---	---	---	---	Acc.	---
147.	OD480*ID375*H70-17	70/52	---	---	---	---	---	---	---	Acc.	---
148.	OD480*ID375*H70-18	70/52	---	---	---	---	---	---	---	Acc.	---
149.	OD480*ID375*H70-19	70/52	---	---	---	---	---	---	---	Acc.	---
150.	OD480*ID375*H70-20	70/52	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
151.	OD480*ID375*H70-21	70/52	---	---	---	---	---	---	---	Acc.	---
152.	OD480*ID375*H70-22	70/52	---	---	---	---	---	---	---	Acc.	---
153.	OD480*ID375*H70-23	70/52	---	---	---	---	---	---	---	Acc.	---
154.	OD480*ID375*H70-24	70/52	---	---	---	---	---	---	---	Acc.	---
155.	OD480*ID375*H70-25	70/52	---	---	---	---	---	---	---	Acc.	---
156.	OD480*ID375*H70-26	70/52	---	---	---	---	---	---	---	Acc.	---
157.	OD480*ID375*H70-27	70/52	---	---	---	---	---	---	---	Acc.	---
158.	OD480*ID375*H70-28	70/52	---	---	---	---	---	---	---	Acc.	---
159.	OD480*ID375*H70-29	70/52	---	---	---	---	---	---	---	Acc.	---
160.	OD480*ID375*H70-30	70/52	---	---	---	---	---	---	---	Acc.	---
161.	OD530*ID315*H60-1	60/107	---	---	---	---	---	---	---	Acc.	---
162.	OD530*ID315*H60-2	60/107	---	---	---	---	---	---	---	Acc.	---
163.	OD530*ID315*H60-3	60/107	---	---	---	---	---	---	---	Acc.	---
164.	OD530*ID315*H60-4	60/107	---	---	---	---	---	---	---	Acc.	---
165.	OD530*ID315*H60-5	60/107	---	---	---	---	---	---	---	Acc.	---
166.	OD530*ID315*H60-6	60/107	---	---	---	---	---	---	---	Acc.	---
167.	OD530*ID315*H60-7	60/107	---	---	---	---	---	---	---	Acc.	---
168.	OD530*ID315*H60-8	60/107	---	---	---	---	---	---	---	Acc.	---
169.	OD530*ID315*H60-9	60/107	---	---	---	---	---	---	---	Acc.	---
170.	OD530*ID315*H60-10	60/107	---	---	---	---	---	---	---	Acc.	---
171.	OD530*ID315*H60-11	60/107	---	---	---	---	---	---	---	Acc.	---
172.	OD530*ID315*H60-12	60/107	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
173.	OD530*ID315*H60-13	60/107	---	---	---	---	---	---	---	Acc.	---
174.	OD530*ID315*H60-14	60/107	---	---	---	---	---	---	---	Acc.	---
175.	OD530*ID315*H60-15	60/107	---	---	---	---	---	---	---	Acc.	---
176.	OD530*ID315*H60-16	60/107	---	---	---	---	---	---	---	Acc.	---
177.	OD530*ID315*H60-17	60/107	---	---	---	---	---	---	---	Acc.	---
178.	OD530*ID315*H60-18	60/107	---	---	---	---	---	---	---	Acc.	---
179.	OD530*ID315*H60-19	60/107	---	---	---	---	---	---	---	Acc.	---
180.	OD530*ID315*H60-20	60/107	---	---	---	---	---	---	---	Acc.	---
181.	OD530*ID315*H60-21	60/107	---	---	---	---	---	---	---	Acc.	---
182.	OD530*ID315*H60-22	60/107	---	---	---	---	---	---	---	Acc.	---
183.	OD530*ID315*H60-23	60/107	---	---	---	---	---	---	---	Acc.	---
184.	OD530*ID315*H60-24	60/107	---	---	---	---	---	---	---	Acc.	---
185.	OD530*ID315*H60-25	60/107	---	---	---	---	---	---	---	Acc.	---
186.	OD530*ID315*H60-26	60/107	---	---	---	---	---	---	---	Acc.	---
187.	OD530*ID315*H60-27	60/107	---	---	---	---	---	---	---	Acc.	---
188.	OD530*ID315*H60-28	60/107	---	---	---	---	---	---	---	Acc.	---
189.	OD250*H185-1	250/185	---	---	---	---	---	---	---	Acc.	---
190.	OD250*H185-2	250/185	---	---	---	---	---	---	---	Acc.	---
191.	OD250*H185-3	250/185	---	---	---	---	---	---	---	Acc.	---
192.	OD250*H185-4	250/185	---	---	---	---	---	---	---	Acc.	---
193.	OD250*H185-5	250/185	---	---	---	---	---	---	---	Acc.	---
194.	OD250*H185-6	250/185	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
195.	OD250*H185-7	250/185	---	---	---	---	---	---	---	Acc.	---
196.	OD250*H185-8	250/185	---	---	---	---	---	---	---	Acc.	---
197.	OD250*H185-9	250/185	---	---	---	---	---	---	---	Acc.	---
198.	OD250*H185-10	250/185	---	---	---	---	---	---	---	Acc.	---
199.	OD250*H185-11	250/185	---	---	---	---	---	---	---	Acc.	---
200.	OD250*H185-12	250/185	---	---	---	---	---	---	---	Acc.	---
201.	OD250*H185-13	250/185	---	---	---	---	---	---	---	Acc.	---
202.	OD250*H185-14	250/185	---	---	---	---	---	---	---	Acc.	---
203.	OD250*H185-15	250/185	---	---	---	---	---	---	---	Acc.	---
204.	OD250*H185-16	250/185	---	---	---	---	---	---	---	Acc.	---
205.	OD250*H185-17	250/185	---	---	---	---	---	---	---	Acc.	---
206.	OD250*H185-18	250/185	---	---	---	---	---	---	---	Acc.	---
207.	OD250*H185-19	250/185	---	---	---	---	---	---	---	Acc.	---
208.	OD250*H185-20	250/185	---	---	---	---	---	---	---	Acc.	---
209.	OD250*H185-21	250/185	---	---	---	---	---	---	---	Acc.	---
210.	OD250*H185-22	250/185	---	---	---	---	---	---	---	Acc.	---
211.	OD250*H185-23	250/185	---	---	---	---	---	---	---	Acc.	---
212.	OD250*H185-24	250/185	---	---	---	---	---	---	---	Acc.	---
213.	OD250*H185-25	250/185	---	---	---	---	---	---	---	Acc.	---
214.	OD250*H185-26	250/185	---	---	---	---	---	---	---	Acc.	---
215.	OD250*H185-27	250/185	---	---	---	---	---	---	---	Acc.	---
216.	OD250*H185-28	250/185	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
217.	OD250*H185-29	250/185	---	---	---	---	---	---	---	Acc.	---
218.	OD250*H185-30	250/185	---	---	---	---	---	---	---	Acc.	---
219.	OD250*H185-31	250/185	---	---	---	---	---	---	---	Acc.	---
220.	OD250*H185-32	250/185	---	---	---	---	---	---	---	Acc.	---
221.	OD250*H185-33	250/185	---	---	---	---	---	---	---	Acc.	---
222.	OD250*H185-34	250/185	---	---	---	---	---	---	---	Acc.	---
223.	OD250*H185-35	250/185	---	---	---	---	---	---	---	Acc.	---
224.	OD250*H185-36	250/185	---	---	---	---	---	---	---	Acc.	---
225.	OD250*H185-37	250/185	---	---	---	---	---	---	---	Acc.	---
226.	OD250*H185-38	250/185	---	---	---	---	---	---	---	Acc.	---
227.	OD250*H185-39	250/185	---	---	---	---	---	---	---	Acc.	---
228.	OD250*H185-40	250/185	---	---	---	---	---	---	---	Acc.	---
229.	OD250*H185-41	250/185	---	---	---	---	---	---	---	Acc.	---
230.	OD250*H185-42	250/185	---	---	---	---	---	---	---	Acc.	---
231.	OD250*H185-43	250/185	---	---	---	---	---	---	---	Acc.	---
232.	OD250*H185-44	250/185	---	---	---	---	---	---	---	Acc.	---
233.	OD250*H185-45	250/185	---	---	---	---	---	---	---	Acc.	---
234.	OD250*H185-46	250/185	---	---	---	---	---	---	---	Acc.	---
235.	OD250*H185-47	250/185	---	---	---	---	---	---	---	Acc.	---
236.	OD250*H185-48	250/185	---	---	---	---	---	---	---	Acc.	---
237.	OD250*H185-49	250/185	---	---	---	---	---	---	---	Acc.	---
238.	OD250*H185-50	250/185	---	---	---	---	---	---	---	Acc.	---

No.	Sample No.	W.T. (mm)	Defect No.	Equivalent Size	Maximum area (mm ²)	Length (mm)	Defects Position(mm)			Result	Remark
							X	Y	H		
239.	OD250*H185-51	250/185	---	---	---	---	---	---	---	Acc.	---
240.	OD250*H185-52	250/185	---	---	---	---	---	---	---	Acc.	---
241.	OD250*H185-53	250/185	---	---	---	---	---	---	---	Acc.	---
242.	OD250*H185-54	250/185	---	---	---	---	---	---	---	Acc.	---
243.	OD250*H185-55	250/185	---	---	---	---	---	---	---	Acc.	---
244.	OD250*H185-56	250/185	---	---	---	---	---	---	---	Acc.	---
245.	OD250*H185-57	250/185	---	---	---	---	---	---	---	Acc.	---
246.	OD250*H185-58	250/185	---	---	---	---	---	---	---	Acc.	---
247.	OD250*H185-59	250/185	---	---	---	---	---	---	---	Acc.	---
248.	OD250*H185-60	250/185	---	---	---	---	---	---	---	Acc.	---
249.	OD250*H185-61	250/185	---	---	---	---	---	---	---	Acc.	---
250.	OD250*H185-62	250/185	---	---	---	---	---	---	---	Acc.	---
251.	OD250*H185-63	250/185	---	---	---	---	---	---	---	Acc.	---
252.	OD250*H185-64	250/185	---	---	---	---	---	---	---	Acc.	---
253.	OD250*H185-65	250/185	---	---	---	---	---	---	---	Acc.	---
254.	OD250*H185-66	250/185	---	---	---	---	---	---	---	Acc.	---
255.	OD250*H185-67	250/185	---	---	---	---	---	---	---	Acc.	---
256.	OD250*H185-68	250/185	---	---	---	---	---	---	---	Acc.	---
257.	OD250*H185-69	250/185	---	---	---	---	---	---	---	Acc.	---
258.	OD250*H185-70	250/185	---	---	---	---	---	---	---	Acc.	---

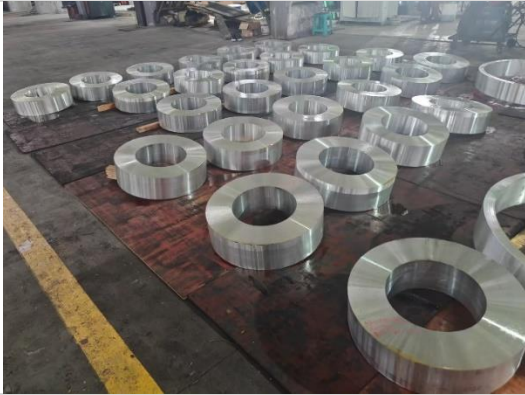
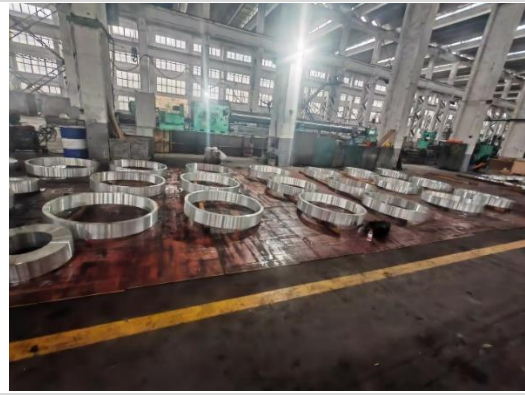
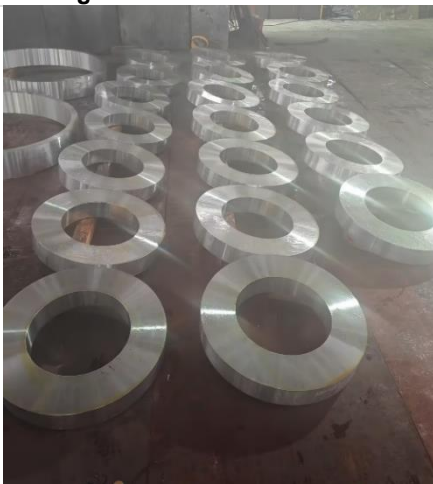
Attached Photos**Fig. 1:** OD690*ID385*H180**Fig. 2:** OD1300*ID1200*H185**Fig. 3:** OD470*ID230*H70**Fig. 4:** OD1000*ID930*H120**Fig. 5:** OD670*ID395*H100**Fig. 6:** OD480*ID375*H70



Fig. 7: OD580*ID310*H60



Fig. 8: OD530*ID315*H60



Fig. 9: OD250*H185



Fig. 10: Ultrasonic Testing



Fig. 11: Ultrasonic Testing



Fig. 12: Ultrasonic Testing

Time Sheet

Used for Testing (Including Traveling and Reporting)	Date	Working Hours	Over Time
	Dec.22, 2024	8	
	Dec.23, 2024	8	
	Dec.24, 2024	8	
	Dec.25, 2024	8	
	Dec.26, 2024	8	
	Dec.27, 2024	8	
Total time charged		48	

Remarks

1. This report only reflects our findings at time and place indicated above only and does not refer to any other matters.
2. Every NDT method has the limit which may result the non-conformation with client's requirements.
3. All orders are accepted and all reports and certificates issued subject to the General Conditions of Service.
4. In the territory of the People's Republic of China, the test report without CMA logo expresses some or all testing standard are not in CMA accredited scope, the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc...and just for client internal reference.
5. This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the result was not included.

Inspected by: Rambo Tian

Reviewed by:

Approved by:

Inspector
Qualification: UT-2
Date: Dec.22~27,2024

Technical Support
Qualification:
Date:

Authorized Signatory
Qualification:
Date: