



TIANJIN TIANHAI HIGH PRESSURE CONTAINER CO.,LTD.

268Jingbinroad,Tianjin port Free Trade Zone China

FAX:+86-22-59816628 TEL: +86-22-59816618

Order No.: A204903

(WPE00-22-TJ-0620)

L/C No.:

INSPECTION REPORT

Product: Seamless Steel Gas Cylinders

Manufacturer: TTHP, CHINA

Serial No.: See Attached Reports

Approved By:TUV

Quantity:252pcs

Painting Color : RAL7037 GRAY

QUALITY CERTIFICATION OF PRODUCT
TIANJIN TIANHAI HIGH PRESSURE CONTAINER CO.,LTD.
 268Jingbinroad,Tianjin port Free Trade Zone China

Cert. No.	CK22-TJ-0620	Date	Jul.06, 2022
Approval No:	/	Standard	EN ISO9809-1: 2010
Gas	CO2	Serial No.	Seeing attached reports
Quantity	252	Mfg. Method	SPUN TYPE
Dwg. No.	ISO267-Mn-01		

Material & Chemical Composition: 37Mn

Material		Specification of Seamless Steel Tube				Φ 267×6.5			
Mill Heat No.	Code No.	C %	Si %	Mn %	P %	S %	Cr%	Mo%	S+P %
/	/	Min0.34 Max0.38	Min0.10 Max0.30	Min1.40 Max1.70	≤0.020	≤0.010	/	/	≤0.025
020949/080 01	W15	0.35	0.24	1.50	0.006	0.001	/	/	0.007

Inspection & Test (Heat treatment: Quenched & Tempered)

1. Physical Test

Lot No.	Y.S (MPa)	T.S (MPa)	Elongation (%)	Result
/	≥610	730-950	≥14	/
W15-K456	819	911	19.8	PASSED
W15-K457	755	887	19.7	PASSED

2.Bend Test (Direction: Transverse and Longitudinal)

Lot No.	Ta (mm)	Mandrel Dia. (mm)	Angle of Bend (°)	Result
W15-K456	7.2/7.2	42.0	180°	PASSED
W15-K457	7.2/7.2	42.0	180°	PASSED

3.Impact Test

Lot No.	Test Temperature	Impact strength(J/cm ²)	Mean of 3 specimens(J/cm ²)	Result
W15-K456	-50℃	76/79/79	78	PASSED
W15-K457	-50℃	79/82/87	83	PASSED

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4. Visual/ Dimension

Item	Inspection Standard	Result	Remarks
Visual	No corrosion, crack or other harmful defects allowed	ACCEPTED	
Shape of bottom	Concave base	ACCEPTED	
O. D.× t(Min. Wall) × L (mm)	267×6.5×≈1500±20	ACCEPTED	
W.C (L) / Empty Weight(Kg)	≥67.5L	≈78kg	ACCEPTED
Thread	W28.8*1/14kg,Din477	ACCEPTED	
Neck Ring	PB-3	/	
Valve	/	/	
Cap	PM-16	/	
5. Hardness test	Min.180(HB) Max.310(HB)	ACCEPTED	
6. Ultrasonic	Compare the indications from the cylinder with the reference notch in the same orientation and on the same face	ACCEPTED	
7. Hydraulic Test	No abnormal expansion, no leakage; after 30 seconds at the test pressure 250bar	ACCEPTED	Attached
8. Burst test	The minimum required burst pressure 40.00 MPa Fracture to exhibit burst, no metal disfigurement, no fragmentation	ACCEPTED	
9. Appearance Color	RAL7037 GRAY	ACCEPTED	

We hereby certify that these cylinders herein have been made and tested in accordance with the product specification and requirement called for by the customer's order.

Checked By :WuShuLin

Inspection Engineer:

Date:Jul.13,2022

Bai Yi Bin



Annex: Hydraulic Test reports

钢瓶水压试验记录

RECORD OF HYDROSTATIC TESTS ON CYLINDERS

保压时间≥30S

序号 S.N.	气瓶编号 Serial No.	钢瓶重量 Tare Weight (kg)	钢瓶重量(不 含阀帽) The weight without valve&cap (kg)	容积 Volumetric Capacity (L)	全变形值 Total expansion (C.C.)	残余变形值 Permanent expansion (C.C.)	残余变形率 Percent of Permanent to totalexansion	试验压力 Test Pressure 250Bar	炉批号 Lot and Batch No.	
1	22K456001	80.5	78.7	68.3	317.4	5.1	1.6	250	W15-K456	
2	22K456002	80.8	79.0	68.2	322.8	6.2	1.9	250	W15-K456	
3	22K456003	80.4	78.6	68.0	321.2	4.7	1.5	250	W15-K456	
4	22K456004	80.2	78.4	68.4	317.5	4.1	1.3	250	W15-K456	
5	22K456005	82.7	80.9	68.0	311.5	5.7	1.8	250	W15-K456	
6	22K456006	81.6	79.8	68.1	307.5	3.9	1.3	250	W15-K456	
7	22K456007	81.0	79.2	68.0	317.4	5.1	1.6	250	W15-K456	
8	22K456008	80.3	78.5	68.5	311.1	6.1	2.0	250	W15-K456	
9	22K456009	80.7	78.9	68.1	319.9	7.9	2.5	250	W15-K456	
10	22K456010	81.1	79.3	68.7	305.3	3.3	1.1	250	W15-K456	
11	22K456011	81.1	79.3	68.4	326.5	5.8	1.8	250	W15-K456	
12	22K456012	80.7	78.9	68.3	319.3	6.0	1.9	250	W15-K456	
13	22K456013	80.4	78.6	68.6	319.4	6.7	2.1	250	W15-K456	
14	22K456014	80.9	79.1	68.3	316.3	6.1	1.9	250	W15-K456	
15	22K456015	机械性能试件Mechanical test							250	W15-K456
16	22K456016	80.2	78.4	68.5	319.2	6.7	2.1	250	W15-K456	
17	22K456017	81.4	79.6	68.3	316.7	1.0	0.3	250	W15-K456	
18	22K456018	81.8	80.0	68.4	310.8	6.7	2.2	250	W15-K456	
19	22K456019	80.6	78.8	68.6	303.9	2.8	0.9	250	W15-K456	
20	22K456020	81.3	79.5	68.4	308.5	9.3	3.0	250	W15-K456	
21	22K456021	82.6	80.8	68.2	303.0	3.9	1.3	250	W15-K456	
22	22K456022	82.9	81.1	68.1	303.7	4.9	1.6	250	W15-K456	
23	22K456023	81.7	79.9	68.1	314.9	3.1	1.0	250	W15-K456	
24	22K456024	82.0	80.2	68.3	309.5	4.2	1.4	250	W15-K456	
25	22K456025	80.6	78.8	68.0	317.5	4.7	1.5	250	W15-K456	
26	22K456026	81.3	79.5	68.5	313.7	4.8	1.5	250	W15-K456	
27	22K456027	80.2	78.4	68.6	308.4	4.1	1.3	250	W15-K456	
28	22K456028	82.9	81.1	68.2	305.4	4.5	1.5	250	W15-K456	
29	22K456029	81.5	79.7	68.0	309.4	3.0	1.0	250	W15-K456	
30	22K456030	83.1	81.3	68.0	306.0	3.1	1.0	250	W15-K456	
31	22K456031	80.8	79.0	68.1	320.6	5.6	1.7	250	W15-K456	
32	22K456032	82.1	80.3	68.1	309.8	6.3	2.0	250	W15-K456	
33	22K456033	80.7	78.9	68.0	322.0	5.1	1.6	250	W15-K456	
34	22K456034	82.1	80.3	68.2	308.8	4.4	1.4	250	W15-K456	
35	22K456035	81.8	80.0	68.2	310.4	4.9	1.6	250	W15-K456	
36	22K456036	81.2	79.4	68.4	311.4	4.4	1.4	250	W15-K456	
37	22K456037	81.4	79.6	68.0	314.8	3.9	1.2	250	W15-K456	
38	22K456038	80.4	78.6	68.6	314.9	4.2	1.3	250	W15-K456	
39	22K456039	83.9	82.1	68.1	306.2	7.5	2.4	250	W15-K456	
40	22K456040	81.2	79.4	68.4	313.5	6.6	2.1	250	W15-K456	
41	22K456041	81.1	79.3	68.5	316.2	6.8	2.2	250	W15-K456	
42	22K456042	80.8	79.0	68.6	315.1	6.4	2.0	250	W15-K456	
43	22K456043	82.2	80.4	68.3	315.3	6.7	2.1	250	W15-K456	
44	22K456044	81.0	79.2	68.5	318.6	7.9	2.5	250	W15-K456	
45	22K456045	80.8	79.0	68.3	314.9	2.9	0.9	250	W15-K456	
46	22K456046	82.3	80.5	68.2	310.9	5.8	1.9	250	W15-K456	
47	22K456047	81.8	80.0	68.5	316.6	3.8	1.2	250	W15-K456	
48	22K456048	80.2	78.4	68.4	322.6	6.5	2.0	250	W15-K456	
49	22K456049	81.5	79.7	68.2	314.4	4.1	1.3	250	W15-K456	
50	22K456050	83.0	81.2	68.3	310.0	6.1	2.0	250	W15-K456	
51	22K456051	爆破试件Burst test							250	W15-K456
52	22K456052	81.5	79.7	68.1	308.4	3.8	1.2	250	W15-K456	
53	22K456053	82.2	80.4	68.3	307.1	3.8	1.2	250	W15-K456	

钢瓶水压试验记录

RECORD OF HYDROSTATIC TESTS ON CYLINDERS

保压时间≥30S

序号 S.N.	气瓶编号 Serial No.	钢瓶重量 Tare Weight (kg)	钢瓶重量(不 含阀帽) The weight without valve&cap (kg)	容积 Volumetric Capacity (L)	全变形值 Total expansion (C.C.)	残余变形值 Permanent expansion (C.C.)	残余变形率 Percent of Permanent to totalexansion	试验压力 Test Pressure 250Bar	炉批号 Lot and Batch No.
54	22K456054	80.8	79.0	68.4	314.0	3.5	1.1	250	W15-K456
55	22K456055	82.3	80.5	68.1	306.9	3.9	1.3	250	W15-K456
56	22K456056	80.4	78.6	68.0	312.9	4.9	1.6	250	W15-K456
57	22K456057	82.3	80.5	68.2	304.3	3.3	1.1	250	W15-K456
58	22K456058	80.3	78.5	68.1	306.5	4.9	1.6	250	W15-K456
59	22K456059	81.6	79.8	68.2	308.3	4.3	1.4	250	W15-K456
60	22K456060	82.5	80.7	67.9	304.4	3.1	1.0	250	W15-K456
61	22K456061	81.3	79.5	68.5	315.8	6.4	2.0	250	W15-K456
62	22K456062	81.1	79.3	68.1	311.4	5.8	1.9	250	W15-K456
63	22K456063	80.4	78.6	68.4	321.0	4.0	1.2	250	W15-K456
64	22K456064	82.3	80.5	68.3	305.9	6.3	2.1	250	W15-K456
65	22K456065	80.5	78.7	68.3	315.5	5.9	1.9	250	W15-K456
66	22K456066	81.3	79.5	68.1	312.6	3.3	1.1	250	W15-K456
67	22K456067	80.3	78.5	67.9	315.6	6.6	2.1	250	W15-K456
68	22K456068	82.0	80.2	68.4	306.8	5.5	1.8	250	W15-K456
69	22K456069	81.3	79.5	68.0	317.7	5.9	1.9	250	W15-K456
70	22K456070	82.2	80.4	68.2	307.7	6.3	2.0	250	W15-K456
71	22K456071	80.8	79.0	68.6	315.3	4.6	1.5	250	W15-K456
72	22K456072	80.2	78.4	68.4	319.0	7.5	2.4	250	W15-K456
73	22K456073	82.2	80.4	68.5	310.1	5.8	1.9	250	W15-K456
74	22K456074	82.2	80.4	68.2	310.4	4.6	1.5	250	W15-K456
75	22K456075	80.2	78.4	68.6	318.9	7.5	2.4	250	W15-K456
76	22K456076	80.5	78.7	68.4	321.3	4.7	1.5	250	W15-K456
77	22K456077	80.5	78.7	68.6	318.1	5.0	1.6	250	W15-K456
78	22K456078	82.2	80.4	68.3	312.6	5.5	1.8	250	W15-K456
79	22K456079	83.2	81.4	68.2	308.1	3.2	1.0	250	W15-K456
80	22K456080	80.7	78.9	68.5	319.8	5.0	1.6	250	W15-K456
81	22K456081	81.5	79.7	68.1	310.3	4.5	1.5	250	W15-K456
82	22K456082	80.7	78.9	68.3	313.6	4.8	1.5	250	W15-K456
83	22K456083	81.2	79.4	68.2	310.7	4.5	1.4	250	W15-K456
84	22K456084	81.5	79.7	68.0	303.5	2.1	0.7	250	W15-K456
85	22K456085	82.3	80.5	68.2	307.6	3.6	1.2	250	W15-K456
86	22K456086	82.9	81.1	68.3	305.5	4.0	1.3	250	W15-K456
87	22K456087	82.9	81.1	68.1	306.5	3.8	1.2	250	W15-K456
88	22K456088	80.2	78.4	68.2	311.3	4.2	1.3	250	W15-K456
89	22K456089	83.1	81.3	68.3	306.0	4.2	1.4	250	W15-K456
90	22K456090	82.1	80.3	68.3	307.3	4.2	1.4	250	W15-K456
91	22K456091	82.8	81.0	67.9	314.2	6.6	2.1	250	W15-K456
92	22K456092	82.4	80.6	68.4	303.6	4.1	1.4	250	W15-K456
93	22K456093	80.6	78.8	68.1	319.7	6.2	1.9	250	W15-K456
94	22K456094	80.9	79.1	68.5	314.5	4.6	1.5	250	W15-K456
95	22K456095	80.6	78.8	68.2	315.5	6.1	1.9	250	W15-K456
96	22K456096	81.3	79.5	68.1	315.9	6.7	2.1	250	W15-K456
97	22K456097	82.6	80.8	68.5	312.6	6.5	2.1	250	W15-K456
98	22K456098	80.6	78.8	68.2	317.7	5.5	1.7	250	W15-K456
99	22K456099	82.2	80.4	68.1	311.5	6.1	2.0	250	W15-K456
100	22K456100	79.9	78.1	68.1	319.5	5.8	1.8	250	W15-K456
101	22K456101	82.4	80.6	68.3	313.5	6.3	2.0	250	W15-K456
102	22K456102	80.1	78.3	68.6	320.1	6.6	2.1	250	W15-K456
103	22K456103	82.1	80.3	68.3	310.0	7.0	2.3	250	W15-K456
104	22K456104	83.5	81.7	68.2	307.6	6.2	2.0	250	W15-K456
105	22K456105	82.4	80.6	68.4	312.9	6.6	2.1	250	W15-K456
106	22K456106	80.8	79.0	68.6	321.2	5.7	1.8	250	W15-K456

钢瓶水压试验记录

RECORD OF HYDROSTATIC TESTS ON CYLINDERS

保压时间≥30S

序号 S.N.	气瓶编号 Serial No.	钢瓶重量 Tare Weight (kg)	钢瓶重量(不 含阀帽) The weight without valve&cap (kg)	容积 Volumetric Capacity (L)	全变形值 Total expansion (C.C.)	残余变形值 Permanent expansion (C.C.)	残余变形率 Percent of Permanent to totalexansion	试验压力 Test Pressure 250Bar	炉批号 Lot and Batch No.
107	22K456107	81.7	79.9	68.4	302.2	5.9	2.0	250	W15-K456
108	22K456108	81.0	79.2	68.5	313.8	3.4	1.1	250	W15-K456
109	22K456109	81.1	79.3	68.4	315.2	3.8	1.2	250	W15-K456
110	22K456110	81.4	79.6	68.5	312.3	5.3	1.7	250	W15-K456
111	22K456111	81.2	79.4	68.0	313.6	3.7	1.2	250	W15-K456
112	22K456112	80.2	78.4	68.4	315.0	4.2	1.3	250	W15-K456
113	22K456113	81.5	79.7	68.3	308.0	3.2	1.0	250	W15-K456
114	22K456114	80.8	79.0	68.4	309.8	2.4	0.8	250	W15-K456
115	22K456115	82.4	80.6	68.2	307.8	4.7	1.5	250	W15-K456
116	22K456116	81.8	80.0	68.2	310.4	4.9	1.6	250	W15-K456
117	22K456117	82.3	80.5	68.1	305.3	5.0	1.6	250	W15-K456
118	22K456118	80.8	79.0	68.0	314.0	5.0	1.6	250	W15-K456
119	22K456119	80.6	78.8	68.2	315.4	4.6	1.5	250	W15-K456
120	22K456120	80.3	78.5	68.5	313.2	4.1	1.3	250	W15-K456
121	22K456121	81.9	80.1	68.1	311.5	5.3	1.7	250	W15-K456
122	22K456122	81.9	80.1	68.2	310.7	3.3	1.1	250	W15-K456
123	22K456123	81.6	79.8	68.2	315.0	6.0	1.9	250	W15-K456
124	22K456124	81.2	79.4	68.0	313.0	6.2	2.0	250	W15-K456
125	22K456125	80.3	78.5	67.9	323.6	5.6	1.7	250	W15-K456
126	22K456126	80.3	78.5	68.1	312.2	4.8	1.5	250	W15-K456
127	22K456127	79.9	78.1	68.1	321.2	5.4	1.7	250	W15-K456
128	22K456128	81.1	79.3	68.1	310.4	6.0	1.9	250	W15-K456
129	22K456129	80.3	78.5	68.1	319.6	5.5	1.7	250	W15-K456
130	22K456130	81.6	79.8	68.6	313.5	4.1	1.3	250	W15-K456
131	22K456131	80.3	78.5	68.6	317.5	6.8	2.1	250	W15-K456
132	22K456132	80.8	79.0	68.3	323.7	4.3	1.3	250	W15-K456
133	22K456133	82.0	80.2	68.4	309.5	1.8	0.6	250	W15-K456
134	22K456134	81.8	80.0	68.3	310.4	7.4	2.4	250	W15-K456
135	22K456135	81.6	79.8	68.5	312.5	6.3	2.0	250	W15-K456
136	22K456136	82.2	80.4	68.4	310.3	6.3	2.0	250	W15-K456
137	22K456137	81.1	79.3	68.1	312.2	8.3	2.7	250	W15-K456
138	22K456138	80.2	78.4	68.4	317.8	8.2	2.6	250	W15-K456
139	22K456139	81.0	79.2	68.4	316.2	7.6	2.4	250	W15-K456
140	22K456140	80.1	78.3	68.2	319.2	7.0	2.2	250	W15-K456
141	22K456141	81.8	80.0	68.0	312.4	4.7	1.5	250	W15-K456
142	22K456142	82.0	80.2	68.0	301.8	4.4	1.5	250	W15-K456
143	22K456143	80.6	78.8	68.1	317.3	4.8	1.5	250	W15-K456
144	22K456144	80.5	78.7	68.5	306.0	3.3	1.1	250	W15-K456
145	22K456145	81.0	79.2	68.2	311.2	4.4	1.4	250	W15-K456
146	22K456146	80.3	78.5	68.5	306.1	3.2	1.0	250	W15-K456
147	22K456147	80.4	78.6	68.2	314.7	4.7	1.5	250	W15-K456
148	22K456148	81.5	79.7	68.1	312.2	3.8	1.2	250	W15-K456
149	22K456149	80.7	78.9	68.4	313.7	3.6	1.1	250	W15-K456
150	22K456150	80.6	78.8	68.0	308.3	3.7	1.2	250	W15-K456
151	22K456151	80.6	78.8	68.4	304.5	4.5	1.5	250	W15-K456
152	22K456152	81.3	79.5	68.7	310.3	3.2	1.0	250	W15-K456
153	22K456153	81.3	79.5	68.5	312.0	5.4	1.7	250	W15-K456
154	22K456154	81.0	79.2	68.6	312.3	2.5	0.8	250	W15-K456
155	22K456155	80.5	78.7	68.5	311.5	3.9	1.3	250	W15-K456
156	22K456156	80.7	78.9	68.5	313.2	4.8	1.5	250	W15-K456
157	22K456157	79.9	78.1	68.1	308.1	6.4	2.1	250	W15-K456
158	22K456158	80.9	79.1	68.3	317.7	4.7	1.5	250	W15-K456
159	22K456159	80.7	78.9	68.1	316.0	5.2	1.6	250	W15-K456

钢瓶水压试验记录

RECORD OF HYDROSTATIC TESTS ON CYLINDERS

保压时间≥30S

序号 S.N.	气瓶编号 Serial No.	钢瓶重量 Tare Weight (kg)	钢瓶重量(不 含阀帽) The weight without valve&cap (kg)	容积 Volumetric Capacity (L)	全变形值 Total expansion (C.C.)	残余变形值 Permanent expansion (C.C.)	残余变形率 Percent of Permanent to totalexansion	试验压力 Test Pressure 250Bar	炉批号 Lot and Batch No.
160	22K456160	81.0	79.2	68.0	315.2	4.1	1.3	250	W15-K456
161	22K456161	80.5	78.7	68.3	315.2	3.9	1.2	250	W15-K456
162	22K456162	81.0	79.2	68.0	305.4	4.5	1.5	250	W15-K456
163	22K456163	80.2	78.4	68.3	305.1	4.5	1.5	250	W15-K456
164	22K456164	81.3	79.5	68.3	317.5	6.1	1.9	250	W15-K456
165	22K456165	80.2	78.4	68.0	316.3	7.8	2.5	250	W15-K456
166	22K456166	80.6	78.8	68.2	319.0	7.0	2.2	250	W15-K456
167	22K456167	81.7	79.9	68.3	310.4	6.9	2.2	250	W15-K456
168	22K456168	80.4	78.6	68.4	314.9	6.5	2.1	250	W15-K456
169	22K456169	81.7	79.9	68.3	310.5	6.5	2.1	250	W15-K456
170	22K456170	81.2	79.4	68.4	311.5	8.6	2.8	250	W15-K456
171	22K456171	79.8	78.0	68.2	315.1	4.7	1.5	250	W15-K456
172	22K456172	81.1	79.3	68.5	322.5	4.2	1.3	250	W15-K456
173	22K456173	80.6	78.8	68.4	310.5	5.1	1.6	250	W15-K456
174	22K456174	80.9	79.1	68.1	321.1	4.9	1.5	250	W15-K456
175	22K456175	80.0	78.2	68.2	314.4	4.8	1.5	250	W15-K456
176	22K456176	80.7	78.9	68.1	316.2	5.6	1.8	250	W15-K456
177	22K456177	80.3	78.5	68.3	316.1	6.2	2.0	250	W15-K456
178	22K456178	80.3	78.5	68.3	323.1	2.1	0.6	250	W15-K456
179	22K456179	80.1	78.3	68.3	312.8	2.3	0.7	250	W15-K456
180	22K456180	80.6	78.8	68.6	325.5	2.0	0.6	250	W15-K456
181	22K456181	80.2	78.4	68.6	318.1	8.1	2.5	250	W15-K456
182	22K456182	81.3	79.5	68.3	312.0	7.9	2.5	250	W15-K456
183	22K456183	81.6	79.8	68.4	310.8	7.2	2.3	250	W15-K456
184	22K456184	81.3	79.5	68.5	309.0	7.6	2.5	250	W15-K456
185	22K456185	80.7	78.9	68.3	311.5	7.6	2.4	250	W15-K456
186	22K456186	81.0	79.2	68.2	315.0	7.0	2.2	250	W15-K456
187	22K456187	80.4	78.6	68.6	312.7	4.4	1.4	250	W15-K456
188	22K456188	80.5	78.7	68.2	316.0	6.9	2.2	250	W15-K456
189	22K456189	80.1	78.3	68.5	317.5	7.7	2.4	250	W15-K456
190	22K456190	81.6	79.8	68.1	313.2	8.5	2.7	250	W15-K456
191	22K456191	81.8	80.0	68.2	310.1	8.2	2.6	250	W15-K456
192	22K456192	80.6	78.8	68.6	315.6	7.5	2.4	250	W15-K456
193	22K456193	80.5	78.7	68.2	317.5	6.1	1.9	250	W15-K456
194	22K456194	80.3	78.5	68.5	319.7	7.4	2.3	250	W15-K456
195	22K456195	81.1	79.3	68.3	307.4	6.3	2.0	250	W15-K456
196	22K456196	80.2	78.4	68.6	312.0	6.4	2.1	250	W15-K456
197	22K456197	80.4	78.6	68.2	316.4	8.4	2.7	250	W15-K456
198	22K456198	80.9	79.1	68.3	316.1	7.9	2.5	250	W15-K456
199	22K456199	80.9	79.1	68.5	310.1	8.5	2.7	250	W15-K456
200	22K456200	80.4	78.6	68.2	316.4	5.5	1.7	250	W15-K456
201	22K456201	80.8	79.0	68.2	317.2	7.6	2.4	250	W15-K456
202	22K456202	81.0	79.2	68.8	315.2	8.1	2.6	250	W15-K456
203	22K457001	81.9	80.1	68.2	313.3	6.1	1.9	250	W15-K457
204	22K457002	80.8	79.0	68.4	317.1	3.8	1.2	250	W15-K457
205	22K457003	83.1	81.3	68.3	316.4	6.5	2.1	250	W15-K457
206	22K457004	82.4	80.6	68.2	320.2	8.3	2.6	250	W15-K457
207	22K457005	83.7	81.9	68.5	318.2	5.0	1.6	250	W15-K457
208	22K457006	82.4	80.6	68.0	312.5	5.6	1.8	250	W15-K457
209	22K457007	80.2	78.4	68.2	307.9	3.5	1.1	250	W15-K457
210	22K457008	82.6	80.8	68.6	313.8	5.2	1.7	250	W15-K457
211	22K457009	83.4	81.6	68.2	311.1	2.9	0.9	250	W15-K457
212	22K457010	80.8	79.0	68.2	319.3	5.5	1.7	250	W15-K457

