



ANSTEC APERTURE CARD

ITEM NO.	QTY	DESCRIPTION	UNIT
1	1	VALVE ASSY, GATE	
2	2	VALVE ASSY, GATE	
3	1	VALVE ASSY, GATE	
4	1	VALVE ASSY, GATE	
5	1	VALVE ASSY, GATE	
6	2	VALVE ASSY, GATE	
7	1	VALVE ASSY, GATE	
8	2	VALVE ASSY, GATE	
9	1	VALVE ASSY, GATE	
10	2	VALVE ASSY, GATE	
11	4	VALVE ASSY, GATE	
12	1	VALVE ASSY, GATE	
13	1	VALVE ASSY, GATE	
14	2	VALVE ASSY, GATE	
15	1	VALVE ASSY, GATE	
16	1	VALVE ASSY, GATE	
17	1	VALVE ASSY, GATE	
18	2	VALVE ASSY, GATE	
19	1	VALVE ASSY, GATE	
20	1	VALVE ASSY, GATE	
21	1	VALVE ASSY, GATE	
22	1	VALVE ASSY, GATE	
23	1	VALVE ASSY, GATE	
24	2	VALVE ASSY, GATE	
25	1	VALVE ASSY, GATE	
26	1	VALVE ASSY, GATE	
27	1	VALVE ASSY, GATE	
28	1	VALVE ASSY, GATE	
29	2	VALVE ASSY, GATE	
30	2	VALVE ASSY, GATE	
31	1	VALVE ASSY, GATE	
32	2	VALVE ASSY, GATE	
33	1	VALVE ASSY, GATE	
34	1	VALVE ASSY, GATE	
35	1	VALVE ASSY, GATE	
36	2	VALVE ASSY, GATE	
37	1	VALVE ASSY, GATE	
38	1	VALVE ASSY, GATE	
39	1	VALVE ASSY, GATE	
40	1	VALVE ASSY, GATE	
41	2	VALVE ASSY, GATE	
42	6	VALVE ASSY, GATE	
43	1	VALVE ASSY, GATE	
44	2	VALVE ASSY, GATE	
45	2	VALVE ASSY, GATE	
46	6	VALVE ASSY, GATE	
47	10	VALVE ASSY, GATE	
48	2	VALVE ASSY, GATE	
49	2	VALVE ASSY, GATE	
50	2	VALVE ASSY, GATE	
51	2	VALVE ASSY, GATE	
52	1	VALVE ASSY, GATE	
53	4	VALVE ASSY, GATE	
54	4	VALVE ASSY, GATE	
55	6	VALVE ASSY, GATE	
56	2	VALVE ASSY, GATE	
57	2	VALVE ASSY, GATE	
58	2	VALVE ASSY, GATE	
59	2	VALVE ASSY, GATE	
60	2	VALVE ASSY, GATE	
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62	2	VALVE ASSY, GATE	
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69	2	VALVE ASSY, GATE	
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83	2	VALVE ASSY, GATE	
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85	2	VALVE ASSY, GATE	
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89	2	VALVE ASSY, GATE	
90	2	VALVE ASSY, GATE	
91	2	VALVE ASSY, GATE	
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93	2	VALVE ASSY, GATE	
94	2	VALVE ASSY, GATE	
95	2	VALVE ASSY, GATE	
96	2	VALVE ASSY, GATE	
97	2	VALVE ASSY, GATE	
98	2	VALVE ASSY, GATE	
99	2	VALVE ASSY, GATE	
100	2	VALVE ASSY, GATE	

- 1. ALL DIMENSIONS ARE PER NPS 70100 OR NPS 3-26.
- 2. SEAL INCLUDED PER NPS 70100 OR NPS 3-26.
- 3. NUT REQUIRED PER MIL-H-6875 CLASS D COND. 4025.
- 4. NUT REQUIRED PER NPS 70040 OR NPS 5-53.
- 5. INTERNAL CONDENS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION II AND NPS 70095, EXCEPT ULTRASONIC EXAMINATION.
- 6. APPLY APPLICABLE NOMENCLATURE PER NPS 70007 CLASS 2 CHARACTERS TO BE .093 HIGH MINIMUM.
- 7. H-TYPE SYMBOL STAMP SHALL BE APPLIED PER NUCLEAR PRODUCTS QUALITY ASSURANCE MANUAL SECTION 4.
- 8. APPLY A TRAY COPY OF ITEM 50 TO INDICATED THREADS.
- 9. NUTS BE PURCHASED FROM HUBBARD INDUSTRIES, 1407 NORTON AVE., CHICAGO, ILL.
- 10. NUTS BE PURCHASED FROM FERRIS INDUSTRIES CO., MORTON GROVE, ILL.
- 11. NUTS BE PURCHASED FROM FERRIS INDUSTRIES CO., MORTON GROVE, ILL.
- 12. TESTING SHALL BE IN ACCORDANCE WITH ATP 74372.
- 13. PRESSURE BOUNDARY ITEM PER ASME BOILER AND PRESSURE VESSEL CODE SECTION II, CLASS 1.
- 14. INTERNAL CONDENS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION II AND NPS 70095, EXCEPT ULTRASONIC EXAMINATION.
- 15. APPLY APPLICABLE NOMENCLATURE PER NPS 70007 CLASS 2 CHARACTERS TO BE .093 HIGH MINIMUM.
- 16. H-TYPE SYMBOL STAMP SHALL BE APPLIED PER NUCLEAR PRODUCTS QUALITY ASSURANCE MANUAL SECTION 4.
- 17. APPLY A TRAY COPY OF ITEM 50 TO INDICATED THREADS.
- 18. NUTS BE PURCHASED FROM HUBBARD INDUSTRIES, 1407 NORTON AVE., CHICAGO, ILL.
- 19. NUTS BE PURCHASED FROM FERRIS INDUSTRIES CO., MORTON GROVE, ILL.
- 20. NUTS BE PURCHASED FROM FERRIS INDUSTRIES CO., MORTON GROVE, ILL.
- 21. TESTING SHALL BE IN ACCORDANCE WITH ATP 74372.
- 22. PRESSURE BOUNDARY ITEM PER ASME BOILER AND PRESSURE VESSEL CODE SECTION II, CLASS 1.

- 1. SILVER PLATED PER ASTM B 258.
- 2. TORQUE TO 275 - 300 FOOT POUNDS.
- 3. WEIGHT: VALVE 957 LB. ORN. 364 LB. NET. AND OPERATOR 243 LB. COMBINED OPERATOR AND VALVE 677 LB. NET.
- 4. NUTS APPLICABLE NOMENCLATURE PER NPS 70007 CLASS 2 CHARACTERS TO BE .290 HIGH.
- 5. COEFFICIENT OF FLOW: Cv = 152 (CALCULATED).
- 6. MIN. WALL THICKNESS AS MEASURED 4 PLACES 90° APART.
- 7. MIN. WALL THICKNESS AS MEASURED 4 PLACES 90° APART.
- 8. FINISH PER DUNE SPEC. NO. 1442. SEE NOTE FOR DESIRE INSTALLATIONS.
- 9. TORQUE TO 100-150 INCH POUNDS.
- 10. INTERNAL CONDENS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION II AND NPS 70095, EXCEPT ULTRASONIC EXAMINATION.
- 11. TORQUE TO 30-35 FOOT POUNDS.
- 12. TORQUE TO 35 INCH FOOT POUNDS.
- 13. TORQUE TO 20 INCH FOOT POUNDS.
- 14. INTERNAL CONDENS TO BE LESS THAN 200 PPM.
- 15. PENETRATION EXAMINATION PER NPS 70005 OR NPS 6-1.
- 16. CLEAN AND POLISH PER NPS 70015.
- 17. DESIGN SPEED TO OPERATE HALF AT A MAXIMUM DIFFERENTIAL PRESSURE OF 2500 PSI.

FOR INFORMATION ONLY

CROSS REFERENCE DATA TABLE

PART NO.	DATE	POWER CO./MILL POWER SUPPLY CO.
74370	5/1/50	10/15/50
74370	5/1/50	10/15/50
74370	5/1/50	10/15/50

NUCLEAR SAFETY RELATED

1 SEAL WATER COMPACT ON HAS BEEN ADDED TO PARTICULAR TAG NOS. REFERENCE CMM-1205-00-0495

CHN 1205.00-0008 001-400

REFERENCE CMM 1205.00-1200-003 PERMITS OPERATOR TO TAKE TO SWING. TO SWITCH ADD-ON-FULL MARCH-1952/53 PER CHN 1205.00-0495

APPROVED

DATE: 10/15/50

BY: [Signature]

1. NUT TREATED PER MIL-H-6875 CLASS D - COND. 4025.

PDR RIDS

9603040326

