MASTER

OAK RIDGE NATIONAL LABORATORY

Operated by
UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide Corporation

Post Office Box X
Oak Ridge, Tennessee

EXTERNAL TRANSMITTAL
AUTHORIZED

ORNL
CENTRAL FILES NUMBER

CF-60-6-4

DATE: June 2, 1960
SUBJECT: Eurochemic Assistance Program: Tabulation
of HAP0-Blue Print File Numbers
TO: F. L. Culler
FROM: E. M. Shank

COPY NO. 36

The Blue Print File groups provided by HAP0 for Eurochemic were attached to cover pages, which listed the BFF number and the information contained. These cover pages are combined and an ORNL-CF number assigned to permit distribution in accordance with the established procedure. The information listed was sent to Eurochemic by transmittal letter No. 54 (ORNL-CF-60-6-3).

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HAPO-BPF No. 8190

EJECTORS - STEAM AIR OPERATED
Worthington Corporation
(BKC No. 1556)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
SK-147174B	1-NPA Ejector Elevation	11-9-53
SK-147977A	4-NPA Ejector Elevation	1-5-54
SK-147976A	8-NPA Ejector Elevation	1-6-54
SK-147975A	10-NPA Ejector Elevation	1-6-54
SK-147974A	6-NPA Ejector Elevation	1-6-54
E-92735	Shop Test - 6-NPA Steam Jet Ejector	6-8-54
E-92736	Shop Test - 6-NPA Steam Jet Ejector	6-8-54
E-92737	Shop Test - 6-NPA Steam Jet Ejector	6-9-54
E-92738	Shop Test - 6-NPA Steam Jet Ejector	6-9-54
E-92739	Shop Test - 6-NPA Steam Jet Ejector	6-9-54
E-92740	Shop Test - 6-NPA Steam Jet Ejector	6-9-54
E-92741	Shop Test - 6-NPA Steam Jet Ejector	6-9-54
E-92743	Shop Test - 1-NPA Steam Jet Ejector	6-9-54
E-92744	Shop Test - 1-NPA Steam Jet Ejector	6-9-54
E-92745	Shop Test - 4-NPA Steam Jet Ejector	6-10-54
E-92746	Shop Test - 4-NPA Steam Jet Ejector	6-9-54
E-92747	Shop Test - 4-NPA Steam Jet Ejector	6-9-54
E-92752	Shop Test - 8-NPA Steam Jet Ejector	6-9-54
E-92753	Shop Test - 8-NPA Steam Jet Ejector	6-9-54
E-92754	Shop Test - 8-NPA Steam Jet Ejector	6-9-54
E-92755	Shop Test - 10-NPA Steam Jet Ejector	6-10-54
E-92756	Shop Test - 10-NPA Steam Jet Ejector	6-10-54
E-92757	Shop Test - 10-NPA Steam Jet Ejector	6-10-54
E-92758	Shop Test - 10-NPA Steam Jet Ejector	6-10-54
E-92759	Shop Test - 10-NPA Steam Jet Ejector	6-10-54
E-92760	Shop Test - 10-NPA Steam Jet Ejector	6-10-54
-	Tabulation of Jet Requirements for Motive Steam and/or Air in #/hr (Minimum 85 # Steam or Air)	11-3-54
E-93000	Shop Test 6-NPA Ejector	9-9-54
E-93001	Shop Test 4-NPA Ejector	9-9-54
E-93002	Shop Test 8-NPA Ejector	9-9-54
E-93003	Shop Test 10-NPA Ejector	9-9-54
J-A1-1	Steam Air Ejector Data Sheet Gas Transfer (2 shs.)	8-7-53
J-A1-2	Steam Air Ejector Data Sheet Gas Transfer (2 shs.)	8-7-53
J-F1-1	Steam Air Ejector Data Sheet Gas Transfer (2 shs.)	8-7-53
J-F1-2	Steam Air Ejector Data Sheet Gas Transfer (2 shs.)	8-7-53
J-L11-1	Steam Air Ejector Data Sheet Gas Transfer (2 shs.)	8-7-53

EJECTOR - STEAM AIR OPERATED
Graham Manufacturing Co., Inc.
(BKC No. 4752)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
G-7307	Ejector Order and Design Sheet (5.0 in. Hg. Vac.)	4-30-54
	Parts List	9-9-54
	Performance Curve	9-13-54
291-A-912-J2	Data Sheet	2-26-54
G-7308	Ejector Order and Design Sheet (8.0 in. Hg. Vac.)	5-3-54
	Parts List	9-9-54
	Performance Curve	9-13-54
291-A-912-J1	Data Sheet	2-26-54
G-7309	Ejector Order and Design Sheet (5.2 in. Hg. Vac.)	5-3-54
	Parts List	9-9-54
	Performance Curve	9-13-54
291-A-912-J3	Data Sheet	2-26-54
A-5474-1	Single Stage Air Ejector	5-5-54
A-5473-1	Single Stage Air Ejector	5-5-54
A-5472-1	Single Stage Air Ejector	5-5-54
-----	Steam Jet Ejector Instruction Book (10 pages)	9-9-54

HAPO-BPF No. 8354

DRYERS - AIR
Pittsburgh Lectrodryer Corp.
(BKC No. 1410)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D-1519	Schematic Flow Diagram for BY-9-R Lectrodryer - Steam Reactivation	2-18-54
D-1216	Wiring Diagram for BY-9-R Lectrodryer - Steam Reactivation for 110 Volt 1 Phase 60 Cycle Power Supply	3-23-54
A-1391	Dimension Dwg. of BY-9-R Lectrodryer for Fully Automatic Service 150#- Des Steam React	2-18-54
-----	Instructions for Pittsburgh Lectrodryer Corp. Dehumidifier - Serial No. 13766 (7 pages)	-
-----	Recommended Spare Parts for BY-9-R Lectrodryer	6-9-54
202A-L-609	Instrument Air Dryer Data Sheet (2 sheets)	7-22-53
202A-L-609	Motor Data Sheet	7-22-53

DETECTOR SCINTILLATION
Nuclear Instrument and Chemical Corporation
(BKC No. 3477)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
DS-1	Recommended Parts List (3 pages)	2-26-54
----	Operating Instructions for Model T1 Dual Purpose Timer	2-26-54
----	Table of Scaling Factor Multiples (7 pages)	2-26-54
----	Model 183 Scaler - Instruction Manual (25 pages)	8-10-53
----	Model DS-1 Scintillation Detector for Gamma Radiation (14 pages)	9-21-53

HAPO-BPF No. 8507

IONIZATION CHAMBERS
Manufacturers Engineering and Equipment Corp.
(BKC No. 3183 and 3185)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
187-1C	Process Monitor Ion Chamber Assembly (Without Windows)	2-9-54
187-2C	Health Monitor Ion Chamber (With Windows)	2-9-54
187-1-2B	H.M. - Ion Chamber Details	2-9-54
187-1-5B	H.M. - Ion Chamber Details	2-9-54
123-3B	H.M. - Ion Chamber Details	6-18-53
123-4B	H.M. - Ion Chamber Details	6-19-53
123-5B	H.M. - Ion Chamber Details	6-22-53
187-1-9A	Plug for H.M. Ion Chamber	2-9-54
187-1-7A	Guard for H.M. - Ion Chamber	2-9-54
187-1-6A	Guard for H.M. - Ion Chamber	2-9-54
187-1-1A	Collector for H.M. - Ion Chamber	2-9-54
187-1-8A	Insulator for H.M. - Ion Chamber	2-9-54

HAPO-BPF No. 8475

CONDUCTIVITY - SWITCHES FOR USE WITH ELECTRODE ASSEMBLY
E/W Controller Corp.
(BKC No. 4022)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
B-94	Case and Cover	3-24-49
F-545	Electronic Control Class 20-107	6-18-53
-----	Installation Instructions for B/W	
	Electronic Controls (2 pages)	4-27-54
-----	Spare Parts List	4-29-54

HAPO-BPF No. 8534

CONDUCTIVITY - ELECTRODE ASSEMBLY
Photoswitch Inc.
(BKC No. 3780)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
A-85-200	Outline Drawing Model 1000 Type 13DJ3	3-29-54
A-85-218	Outline Drawing Housing Nema Type 4	
	Type 13DJ3 Model 1005	3-26-54
SK-248-7	Assembly Probe Type 67DJ2 Special for	
	Blaw-Knox Co.	3-26-54
-----	Maintenance Parts List for Type 13DJ3	8-1-54
PF 544B	Installation Instructions - Type 13DJ3	
	Level Control and Pilot Relay (8 pages)	-
213	Conductivity Electrode Assembly Data Sheet	8-12-54
214	Switch - Electric, Conductivity Data Sheet	
	(3 sheets)	8-12-54

HAPD-BPF No. 8329

COUNTING RATE METER
Nuclear Instrument and Chemical Corp.
(BKC No. 3606)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
A-P10-05	Cathode Follower Schematic Model P10	3-24-54
C-1615B-04	1615B Schematic	12-20-53
A-1615B-02	Model 1615-B Pct Support Bracket	4-5-54
A-P10-02	Rear Housing Model P10 Probe	4-5-54
A-P612-01	Recorder Cable 1615B	4-5-54
-----	Parts List - Lab Monitor 1615B (5 sheets)	6-11-53
-----	Parts List - 1615 Double Cable (Special for BLAW-KNOX) P10 Probe	3-24-54
-----	Parts List - P10 Spare Parts	3-24-54
-----	Parts List - Lab Monitor 1615B Spare Parts	3-12-54
C-1615B-09	Special Blaw-Knox Panel	3-23-54
D-1615B-03	Lab Monitor Chassis Model 1615B	3-22-54

HAP0-BPF No. 8572

VALVES, CONTROL - DIAPHRAGM OPERATED *
Hammel - Dahl Co.
(BKC No. 3573)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D-981J-9	9"x12" Reversible Superstructure - Welded "B" Bowleg 1/2" Plug Stem 1/2" Travel	5-19-54
981J-9	B/M - 9x12 Reversible Superstructure - Welded "B" Bowleg 3 1/2" IPS	3-24-54
D-981J-10	14"x17" Reversible Superstructure - Welded "B" Bowleg 1/2" Plug Stem 1" Travel	5-26-54
981J-10	B/M - 14x17 Reversible Superstructure - Welded "B" Bowleg 3 1/2" IPS	4-7-54
D-981J-11	14"x17" Reversible Superstructure with Cast Bowleg 5" IPS, 3/4" Plug Stem, 2" Travel	6-1-54
981J-11	B/M - 14x17 Reversible Superstructure with 5" IPS Bowleg	4-15-54
D-1P3C1	4"-150# Bellows Sealed Off-Set- Ultra-Valve- 3/4" Plug Stem - 1" Travel	4-13-54
1P3C1	B/M - 4" - 150# A.S.A. Flanged Straight-Through Diaphragm Control Valve - Badger Bellows	8-2-54
C-1437	1/2" - 150# Bellows Seal Control Valve - 1/2" Travel Reversible Superstructure	3-19-54
1437	B/M - 1/2" - 150# Bellows Seal Control Valve - Reversible Superstructure	3-19-54
D-1K3C2	3" - 150# Bellows Sealed Off-Set Ultra-Valve 3/4" Plug Stem - 1" Travel Badger Type Bellows	4-8-54
1K3C2	B/M - 3" - 150# A.S.A. Flanged Straight-Through Diaphragm Control Valve - Badger Bellows.	4-16-54
D-1S3C1	6" - 150# Offset Ultravalve With Bellows Seal	5-27-54
1S3C1	B/M - 6" - 150# Offset Ultravalve with Bellows	4-12-54
C-1433A	1" Bellows Seal Control Valve 1/2" Travel - 1/2" Bellows Stem	5-26-54
1433	B/M - 1" Bellows Seal Control Valve	4-12-54
C-1436	2" - 150# Bellows Seal Control Valve - 1/2" Travel Reversible Superstructure	3-18-54
1436	B/M - 2" - 150# Bellows Seal Control Valve - Reversible Superstructure (2 sheets)	3-18-54
182	Instrument Data Sheet - Valve - Diaphragm Operated - Special Design - On-Off Type (10 p.)	10-18-53
190	Instrument Data Sheet (Pages 5 to 42)	
-----	Assembly Bench and Fixtures	9-17-56
D-SK865	Assembly Bench and Fixtures	6-2-56
-----	Wrenches for Valve Seat Rings	9-17-56

*Similar to BPF No. 8693

HAPO-BPF No. 8265

VALVES, CONTROL - DIAPHRAGM OPERATED
Research Controls
(BKC No. 5378)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
A-860, Rev. 2	Valve - Diaphragm Operated, 1/8" IPT Angle Pattern - 3 Way	6-14-54
BA-892, Rev. 1	Special - 1/2" and 1" Flanged S/S Self Draining - DMV (ATO)	7-9-54
Supp. A-860	Operating and Maintenance Instruction Three Way Valve Research Dwg. A860	12-1-54
Supp. BA-892	Operating and Maintenance Instruction Offset Body DMV Research Dwg. BA-892	12-1-54
267	Instrument Data Sheet, Valve-Diaphragm Operated 3-Way Angle Type (4 pages)	3-2-54
266	Instrument Data Sheet, Control Valve - Diaphragm Operated - Special Design (6 pages)	3-2-54

HAPO-BPF No. 8099

VALVES, CONTROL - DIAPHRAGM OPERATED
Kieley and Mueller, Inc.
(BKC No. 4333)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D-795-1 -----	Diaphragm Control Valve Instructions for Installing, Adjusting and Operating Control Motor Diaphragm Control Valves (3 pages)	5-26-54 -

HAPC-BPF No. 8637

VALVES, CONTROL - DIAPHRAGM OPERATED*
Fischer Governor Co.
(BKC No. 4628)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
AE5880A	Diaphragm Motor Valve, Type 5112 (3 sheets)	4-28-54
DC3201	Diaphragm Motor Valve, Type 57T, 555T (2 sheets)	3-2-48
AE2295	Diaphragm Motor Valve, Type 567Z	5-6-53
-----	Instructions for Installing, Adjusting and Operating Fisher Reverse Acting Diaphragm Motor Valves, Types 567 (4 pages)	1-5-55
-----	"Z" Body Construction (2 pages)	1-5-55
ML428X1B	Reverse Acting Topwork, 12 PSI Air (3 sheets)	5-24-54
CE5917A	Reverse Acting Topwork	5-11-54
-----	List of Parts for Reverse Acting Topwork (2 p.)	1-5-55
-----	Instructions for Installation, Operation and Maintenance of Types 57T and 555T (4 pages)	1-5-55
-----	List of Parts for Diaphragm Control Valves (2 p.)	1-5-55
-----	Instructions for Installing, Adjusting and Operating Fisher Reverse Acting Diaphragm Motor Valves, Type 567Z (4 pages)	5-27-55
238.	Instrument Data Sheet, Control Valve - Diaphragm Operated - Throttling (18 sheets)	1-18-54

* Similar to BPF No. 8578

HAPQ-BPF No. 8578

VALVES, CONTROL - DIAPHRAGM OPERATED *
Fisher Governor Co.
(BKC No. 5445)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
AE5880A	Diaphragm Motor Valve, Type 511Z (1" Size)	4-28-54
	Diaphragm Motor Valve, Type 511Z (1/2 and 3/4" Size)	4-28-54
	Diaphragm Motor Valve, Type 511Z (1 1/2" Size)	4-28-54
AE6443A	Diaphragm Motor Valve, Type 511	6-21-54
BE5027A	Diaphragm Motor Valve, Type 567Z	2-11-54
BD4330	Diaphragm Motor Valve, Type 510 (1/2" and 3/4")	7-26-51
DC3401	Diaphragm Motor Valve, Type 57T, 555T (3 sheets)	3-2-49
DC3201	Diaphragm Motor Valve, Type 57T, 555T (3 sheets)	3-2-49
-----	Instructions for Installation, Operation and Maintenance of Types 57T and 555T	1-5-55
-----	Parts Reference Type 67 and 67F	1-5-55
-----	"Z" Body Construction	7-21-53
-----	Instructions Fisher Positrol Type 3500 (7 pages)	1-5-55
CE5917A	Reverse Acting Topwork, Type 511	5-11-54
-----	Instructions for Installing, Adjusting and Operating Fisher Reverse Acting Diaphragm Motor Valves, Types 567 (4 pages)	1-5-55
-----	List of Parts for Diaphragm Control Valves Types 57T and 555T	7-16-53
-----	List of Parts for Diaphragm Control Valves Types 57T and 555T	7-16-53
-----	List of Parts for Reverse Acting Topwork Type 567	7-16-53
-----	Instructions for Installing, Adjusting and Operating Fisher Reducing and Relief Valve Type 510S	
-----	List of Parts for Positrol, Series 3500	7-16-53
-----	List of Parts for Small Volume Pressure Regulator, Series 67 and 67F	7-16-53
-----	List of Parts for Reducing and Relief Valve Type 510S	7-16-53
-----	List of Parts for Diaphragm Control Valves (57T)	7-16-53
ML428X1B	Reverse Acting Topwork, 12 PSI Air (3 sheets)	5-24-54
240	Instrument Data Sheet, Control Valve - Diaphragm Operated - Throttling (4 sheets)	1-18-54
239	Instrument Data Sheet, Control Valve - Diaphragm Operated - Throttling (4 sheets)	1-18-54

*Similar to BPF No. 8637

HAPO-BPF No. 8700

VALVES, CONTROL - DIAPHRAGM OPERATED
Hammel-Dahl Co.
(BKC No. 3457)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D-1H3C3	Offset Bellows Sealed Air to Open Ultravalve Size 2", 1/2" Travel	3-19-54
D-1434	Offset Bellows Sealed Air to Open Ultravalve 1" Conn. - 1/2" Travel	3-25-54
1434	B/M - Offset Bellows Sealed Air to Open Ultravalve (2 sheets)	3-17-54
1H3C3	B/M - Offset Bellows Sealed Air to Open Ultravalve (2 sheets)	3-30-54

HAPO-BPF No. 8693

VALVES, CONTROL - DIAPHRAGM OPERATED *
Hammel-Dahl Co.
(BKC No. 3619)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
C-1433	1" Bellows Seal Control Valve, 1/2" Travel - 1/2" Bellow Stem	3-30-53
D-981J-9	9" x 12" Reversible Superstructure - Welded "B" Bowleg 1/2" Plug Stem 1/2" Travel	5-19-54
1433	B/M - 1" Bellows Seal Control Valve	4-12-54
981J-9	B/M - 9" x 12" Reversible Superstructure - Welded "B" Bowleg 3 1/2" IPS	3-24-54
222	Data Sheet - Control Valve - Diaphragm Operated - Special Design (6 sheets)	12-23-53

*Similar to BPF No. 8572

VALVES - ON-OFF SERVICE
Fisher Governor Co.
(BKC No. 4135)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
BE5334, Rev. A -----	Diaphragm Motor Valve, Type 567 DA	3-16-54
-----	Instructions for Installing, Adjusting and Operating Fisher Reverse Acting Diaphragm Motor Valves, Types 567 (4 pages)	1-7-55
-----	List of Parts for Reverse Acting Diaphragm Control Valve, Types 567D and 567 DA (2 pages)	7-16-53

HAPO-BPF No. 8401

VALVES - ON-OFF SERVICE
The Foxboro Company
(BKC No. 4136)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
GF 7796 -----	Reversible Stabilflo Valve Motors	9-23-54
-----	Reversible Stabilflo Motor No. 6R and 8R - Maintenance (4 pages)	Jan. 1951
-----	Handwheel Jackscrew for Stabilflo Motors	Feb. 1953
-----	Vernier Valvactor, Type B, Yoke-Mounted (6 pages)	July 1951
-----	Yoke-Mounted Vernier Valvactor Type B (2 pages)	Nov. 1945
-----	No. 6R Stabilflo Motor (Reversible Type) Parts	Apr. 1951
Y-1466	1/2 - 2 inch Type Z 304 L (S. S.) Valves	3-3-54

HAPO-BPF No. 8426

VALVES - ON-OFF SERVICES
Fisher Governor Co.
(BKC No. 3519)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
DC-6205	Diaphragm Motor Valve, 1 in. NPT	11-4-45
DC-6205	Diaphragm Motor Valve, 1 1/2 in. NPT	11-4-45
DC-6205	Diaphragm Motor Valve, 2 in. NPT	11-4-45
-----	Parts List - Diaphragm Control Valves (2 pages)	1-4-55
-----	Instructions for Installing, Adjusting and Operating Fisher Pressure Reducing Valve Type 57 (2 pages)	1-4-55

HAP0-BPF No. 8508

VALVES - FLANGED 125#
Hammel-Dahl Co.
(BKC No. 3397)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D-1430	1" - 150# A.S.A. Flanged Straight-Through Ultravalve with 9x12 R.A. Superstructure	3-18-54
E-1H3C2	2" - 150# A.S.A. Flanged Globe Ultravalve with 14 x 17 R. A. Superstructure	3-15-54
E-1K3C1	3" - 150# A.S.A. Flanged Straight-Through Globe Diaphragm Control Valve R. A. Superstructure, 1" Travel, 14 x 17 Case	3-30-54
1K3C1	Parts List - 3" - 150# A.S.A. Flanged Straight-Through Diaphragm Control Valve	3-16-54
1H3C2	Parts List - 2" - 150# Ultravalve (Special) Globe Body A.S.A. Flanged Integral with Body	3-23-54
981K-18	Parts List - 14 x 17 R. A. Superstructure 3 1/2 IPS Intermediate	5-5-54
981-K-41	Parts List - 14 x 17 R. A. Superstructure 3 1/2 IPS Intermediate	3-11-54
1430	Parts List - 1" - 150# A.S.A. Flanged Ultra-Valve (Globe Type) (2 pages)	4-21-54
981K-40	Parts List - 14 x 17 R. A. Superstructure 3 1/2 IPS Intermediate	3-11-54
981K-49	Parts List - 9" x 12" R. A. Superstructure 1/2" Plug Stem	4-22-54
981K-43	Parts List 14 x 17 R. A. Superstructure 3 1/2 IPS Intermediate	3-15-54
139	Instrument Data Sheet - Air Operated Valve (6 pages)	10-18-53

HAPD-BPF No. 8252

VALVES - FLANGED 125#
Kieley and Mueller, Inc.
(BKC No. 4150)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D-8960	Assembly, Min. Topworks, Size 1", Type 1260 RM	7-16-54
D-8959	Assembly, Min. Topworks, Size 1", Type 1260 RM	7-17-54
D-8958	Assembly, Min. Topworks, Size 1 1/2", Type 1260 RM	7-14-54
D-8949	Assembly, Min. Topworks, Size 1 1/2", Type 1260 RM	7-15-54
D-8952	Assembly, Min. Topworks, Size 1", Type 1260 M	7-15-54
D-793-1	Diaphragm Control Valve, Size 1 1/2" x 10", Type 1250 R, (9 sheets)	12-26-50
-----	Instructions for Installing, Adjusting and Operating Kontrol Motor Diaphragm Control Valves (2 sheets)	-
137	Data Sheet, Air Operated Valve (10 pages)	12-16-53
135	Data Sheet, Air Operated Valve (8 pages)	12-12-53
136	Data Sheet, Air Operated Valve (2 pages)	10-10-53
138	Data Sheet, Air Operated Valve (2 pages)	10-16-53

HAPD-BPF No. 8493

VALVES - HAND OPERATED
Grinnell Company
(BKC No. 2640)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
-----	Parts and Dimensions - 2" Grinnell-Saunders Valves with Kel-F Diaphragm	4-6-54
-----	Parts and Dimensions - 1 1/2" Grinnell-Saunders Valves with Kel-F Diaphragm (Stem Extension)	4-6-54
-----	Parts and Dimensions - 1" Grinnell-Saunders Valves with Kel-F Diaphragm (Stem Extension)	4-6-54
-----	Parts and Dimensions - 1" Grinnell-Saunders Valves with Kel-F Diaphragm	4-6-54

HAPO-BPF No. 8555

TRANSMITTER-STATIC PRESSURE
Minneapolis-Honeywell Reg. Co.
(BKC No. 2750)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
49-L-69	Mounting Dimensions for Non-Indicating Press. Transmitter with Flange Pressure Connection and Mounting Yoke	2-15-54
55-L-98	Drilling Dimensions for Square Case Non-Indicating Temp. or Pressure Trans. Yoke Mounted	10-28-54
166	Data Sheet - Transmitter - Pneumatic Static Pressure (8 pages)	10-20-53

HAPO-BPF No. 8044

TRANSMITTER STATIC PRESSURE
Manning, Maxwell and Moore, Inc.
(BKC No. 2749)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
250-843	Installation and Maintenance Manual for Ashcroft Pneumatic Pressure Transmitter (20 pages)	3-15-54
ADL-70	General Dimensions 3 1/2 Fl211 Pneumatic Pressure Transmitter Gauge for Pipe Mounting (2 sheets)	9-2-49
-----	Ashcroft Gauges - Names of Parts and Instructions (2 pages)	-
165	Data Sheet - Transmitter - Pneumatic Static Pressure (4 pages)	10-21-53

TRANSMITTERS - PNEUMATIC DIFFERENTIAL PRESSURE TYPE

The Foxboro Co.
(BKC No. 2742)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
GF-6882	Pneumatic D/p Cell. Range 0-40" to 800"	
	Inc. Yoke Mounting	1-11-54
1113	d/p Cell Transmitter - Instructions - Installation, Operation, Maintenance (27 pages)	3-19-54

HAPO-BPF No. 8123

TRANSMITTERS - PNEUMATIC DIFFERENTIAL PRESSURE TYPE

The Foxboro Co.
(BKC No. 3476)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
-----	Composite Book - Instructions - Installation, Operation, and Maintenance (41 Pages)	3-10-54
GF-7440	Pneumatic d/p Cell Transmitter, Range 25-80 in. Water, Yoke Mounting	1-31-52
GF-6882	Pneumatic d/p Cell Transmitter, Range 0-40 in. to 800 in. inclusive, Yoke Mounting	2-25-54
Book No. 1112	Gas Flow Transmitter Type 3A d/p Cell - Instructions - Installation, Operation, and Maintenance (27 pages)	7-23-54
Book No. 1117	Gas Flow Transmitter Type 5A d/p Cell - Instructions - Installation, Operation, and Maintenance (28 pages)	7-23-54
252	Data Sheet - Transmitter - Pneumatic Differential Pressure - High (2 pages)	3-17-54
140	Data Sheet - Transmitter - Pneumatic Differential Pressure - High (7 pages)	10-27-53
129	Data Sheet - Transmitter - Pneumatic Differential Pressure - High (4 pages)	11-2-53

HAPO-BPF No. 4833

TRANSMITTERS - PNEUMATIC DIFFERENTIAL PRESSURE TYPE

The Foxboro Co.
(HWC No. 2804)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
Book No. 1113	Liquid Flow Transmitter - Instructions - Installation, Operation and Maintenance (29pp.)	8-11-53

TRANSMITTERS - PNEUMATIC DIFFERENTIAL PRESSURE TYPE
 Republic Flow Meters Co.
 (BKC No. 3454)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
X-8500-31-D	Differential Pressure Transmitter	2-15-54
Y-8501-B	Differential Pressure Transmitter, Model P-0308CCE	2-15-54
Y-8501-B	Differential Pressure Transmitter, Model P-0307CCE	2-15-54
-----	Instructions for Installing and Operating Republic Controls and Republic Instruments (15 pages)	6-10-55
Z-8500-68A	Differential Pressure Trans. Flanged Conn.	6-23-50
-----	Instructions - Differential Pressure Transmitter for Flow and Level Measurements (18 pages)	May 1954
179	Data Sheet - Transmitter - Pneumatic Differential Pressure - Low (8 pages)	11-6-53
253	Data Sheet - Transmitter - Pneumatic Differential Pressure Low (2 pages)	-

HAPO-BPF No. 8480

TRANSMITTERS - PNEUMATIC DIFFERENTIAL PRESSURE TYPE
 Republic Flow Meters Co.
 (BKC No. 3626)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
X-8500-31-D	Differential Pressure Transmitter	3-3-54
-----	Instructions for Installing and Operating Republic Controls and Republic Instruments (23 pages)	7-23-54

HAPO-BPF No. 9007

TRANSMITTERS - PNEUMATIC DIFFERENTIAL PRESSURE TYPE
 Republic Flow Meters Co.
 (HWC No. 9249)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
Y-8501-B	Differential Pressure Transmitter, Model P-0308CCE	2-1-55
-----	Design Specs. and Dwg's., Instruction Manual, Range Tables, etc. Similar to HAPO-BPF Nos. 8316 and 8480	-

GAGES - DIFFERENTIAL PRESSURE
 F. W. Dwyer Mfg. Co.
 (HWC Nos. 2997, 7830, 2804, 9249)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
Bulletin 250	Dwyer Magnehelic Gages Operation Instructions and Data Sheets (8 pages)	-
-----	Purchase Orders to Industrial Instrument Supply, American Pipe and Construction Company, The Foxboro Company, Republic Flow Meters Company, (9 pages)	-

HAPO-BPF No. 8324

GAGES - PRESSURE FOR PNEUMATIC SWITCH
 Panalarm Products, Inc.
 (BKC No. 2746)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
251-100	Dimensional Outline - Series 251 - Indicating Gage and 3-way Cock	2-2-54
250-100	Dimensional Outline - Series 250 - Indicating Gage and Regulator	2-2-54
101	Data Sheet - Pneumatic Switch (2 sheets)	8-31-53

HAPO-BPF No. 8631

GAGES - STATIC PRESSURE INDICATOR
 Jas. P. Marsh Corp.
 (BKC No. 4494)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
01-200	Outline Drawing for Type DP Gauges	12-22-47
260	Data Sheet - Pressure Gage (2 sheets)	2-22-54

HAPO-BPF No. 7803

GAGES - STATIC PRESSURE RECEIVER
Moore Products Company
(BKC No. 2401)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
3189-18	Installation Drawing 3 1/2" Gauge	1-13-48

HAPO-BPF No. 8539

GAGES - PRESSURE WITH ELECTRICAL CONTACTS
United States Gauge
(BKC No. 4428)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
BU-2523-A	Outline, Type VI Pressure Switch	8-17-50
-----	Spare Parts and Price List for:	
	Type VI Pressure Switch, 100# Beryl-Silver Solder	5-3-54
	Type VI Pressure Switch 1/4" Low, 100# St. Stl. Welded	5-3-54
	Type VI Pressure Switch - 1/4" Low, 30# St. Stl. Welded	5-3-54
216	Data Sheet - Pressure Gauge with Electric Contacts (3 sheets)	1-24-54

HAPO-BPF No. 8327

COMPRESSORS, INSTRUMENT AIR
Nash Engineering Company
(BKC No. 2240)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
A-7402	Assembly-1256 Compressor-Coupling Drive - 48"x144" Vertical Air Storage Tank. - Inst. Air Service	12-31-53
1-P-V-L 355-D	Installation and Operation - Nash Hytor Vacuum Pumps and Compressors, Types K, L and H (19 pages)	1951
EN785-18	Performance of 1256 Compressor	10-14-54
-----	Recommended Spare Parts for Size 1256 Compressor - Test Number AC-2855	10-21-54
EN743-199	Performance of 1251 Compressor	-
CS-C-23	Nash Hytor Compressors Cross Section - Sizes 1251 and 1253	11-1-49
202A-C-609-1	Data Sheet - Instrument Air Compressor (3 pages)	7-22-53
202A-TK-609	Data Sheet - Instrument Air Receiver	7-22-53
202A-TK-609	Data Sheet - Instrument Air Receiver - Alt. 1	7-22-53
202A-C-609-1	Data Sheet - Instrument Air Compressor - Alt. 1 (3 pages)	7-22-53
-----	Installation and Lubrication Instructions for Western Gear Semi-High-Speed Reducers (7 pages)	10-28-57
D-9423 Alt. 1	Outline Unit MVS-55	9-9-57
E-7132	Assembly MVS 55	9-6-57

HAP0-BPF No. 8320

CALIBRATED FLOW ASSEMBLY - DIFFERENTIAL HEAD TYPE
Robinson Orifice Fitting Company
(BKC No. 3455)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
-----	Data Sheets and Sample Calculations for Several Orifice Flow Meters (3 sheets)	3-16-54
-----	Calibration Curves for Several Orifice Flow Meters (8 sheets)	-

HAP0-BPF No. 8633

CALIBRATED FLOW ASSEMBLY - DIFFERENTIAL HEAD TYPE
Robinson Orifice Fitting Company
(BKC No. 4909)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
-----	Calculations for Several Orifice Flow Meters (2 sheets)	6-14-54
-----	Details - Slip-On Orifice Flanges (2 sheets)	8-12-54
291-A-912-FE-1	Data Sheet - Calibrated Flow Assembly - Differential Head Type (2 sheets)	2-18-54
291-A-912-FE-2	Data Sheet - Orifice Plate (2 sheets)	2-18-54

HAPO-BPF No. 8158

SEAL POT
General Dynamics Corporation
(BKC No. 1560)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
2601-191, Alt. C	Chemical Equipment Class I Vessel Fractionator 10'-0" x 26'-1" Tower T-F5, Fractionator - Bubble Caps and Tray Details - Lower	11-12-53
2601-190, Alt. C	Chemical Equipment Class I vessel Fractionator 10'-0" x 26'-1" Tower T-F5 - Fractionator - Bubble Caps and Tray Details - Upper	11-13-53
2601-184, Alt. C	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1 - Grate Details	11-13-53
2601-183, Alt. C	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1 - Baffle Details	11-12-53
2601-182, Alt. C	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Concentrator - Bubble Caps and Tray details	11-12-53
2601-196, Alt. C	Chemical Equipment Class I Vessel - 3'-0 1/2" x 9'-0" Condenser, E-F1, E-F5, E-F11-2, E-H4-2, E-K4-2 E-J8-2, Supports and Heads Details	11-10-53
2601-201	Weld Joints (9 sheets)	1-13-54
2601-181, Alt. D	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Concentrator Elevation and Plans	11-10-53
2601-185, Alt. D	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Kickplate, Lifting Bail and Support Dets.	11-24-53
2601-186, Alt. D	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Overflow Chamber	11-17-53
2601-188, Alt. D	Chemical Equipment Class I Vessel - 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Structural Support	11-16-53
2601-192, Alt. D	Chemical Equipment Class I Vessel Fractionator 10'-0" x 26'-1" Tower T-F5, Kickplate and Support Details	11-17-53

HAPG-BPF No. 8158 (Continued)

SEAL POT
General Dynamics Corporation
(BKE No. 8158)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
2601-193, Alt. E	Chemical Equipment Class I Vessel - 10'-0" x 26'-1" Fractionator Tower, T-F5	
2601-195, Alt. G	Fractionator Heat Exch. Tube Section and Shell Chemical Equipment Class I Vessel, 3'-0 1/2" x 9'-0" Condenser, E-F1, E-F5, E-F11-2, E-H4-2, E-K4-2, E-J8-2, Condenser-Tube Sheets and Baffle Details	11-13-53
2601-197, Alt. F	Chemical Equipment Class I Vessel, 3'-0 1/2" x 9'-0" Condenser, E-F1, E-F5, E-F11-2, E-H4-2, E-K4-2, E-J8-2, Condenser - Shell and External Piping	11-13-53
2601-198, Alt. D	Chemical Equipment Class I Vessel, 2'-0" x 3'-0" Seal Pot, SP-F5, SP-F6, SP-F11, SP-H4-1, SP-J8, SP-K4-1, Seal Pot Shell and Piping Details	11-21-53
2601-199, Alt. E	Chemical Equipment Class I Vessel, 3'-0 1/2" x 9'-0" Condenser, E-F1, E-F5, E-F11-2, E-H4-2, E-J8-2, E-K4-2, EF-1 or Spare, Condenser General Arrangement	11-13-53
2601-189, Alt. E	Chemical Equipment Class I Vessel Fractionator 10'-0" x 26'-1" Tower T-F5, Elevations and Plans	11-10-53
2601-187, Alt. E	Chemical Equipment Class I Vessel, 9'-0" x 27'-11" Concentrator, E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Concentrator - Heat Exchg. Gen. Arrgt. and Tube Sheets	11-13-53
2601-200, Alt. D	Chemical Equipment Class I Vessel 9'-0" x 27'-11" Concentrator E-F6, E-F11-1, E-H4-1, E-J8-1, E-K4-1, Concentrator, Heat Exchg. Miscellaneous Details	11-13-53
-----	Installation of Stainless Steel Bellows, Seal Pot Vapor Line Concentrators and Fractionator - Purex Facility	4-6-55
-----	False Trunnion Guide for Concentrators Purex Facility	3-25-55
-----	Concentrator Flat Car Support, Purex Facility	4-19-55
-----	Concentrator - Tilting Trunnion	3-8-55

HAPO-BPF No. 8267

SEAL POT - VAPOR
American Pipe and Construction Co.
(BKC No. 7830)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
E-2040-1	Vapor Header By-Pass Seal Pot	9-24-54

HAPO-BPF No. 8384

METERS - METERING PUMP
Milton Roy Company
(BKC No. 3706)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
-----	Instruction Manual for the Operation and Maintenance of Motor Driven Milton Roy Controlled Volume Chemical Pumps and for Ordering Spare Parts (2 copies each with 19 pages)	-
354-5S	Simplex Pump - Flanged Connection	3-19-54
C-WD-553	Speed Control System	5-11-54
E-434	Model FH-20 Airpak Regulator Filter Dipwell Combination	1-4-54
B-1640	Model EB-51BG- S61 Cylinder Operated Gen. Radio Rheostat	5-8-53
4577-C	Diaphragm Relief Valve - 150# R. F. Inlet and Outlet	-
GEM-1421A	Thy-Mo-Trol Control Stations	7-6-53
GEM-1059	Dimensions of CR7507F101 Thy-Mo-Trol Panel	6-1-44
K-8161140 AM	Outline and Diagram of Connections for Transformer or Reactor	11-17-43
P-9734640	CR7507F101A26 - 1/2 H.P. Max. Thy-Mo-Trol Panel - Connection Diagram	11-14-49
PP-9359928	Thy-Mo-Trol Panel CR7507F101, 1/2 H.P. Maximum	9-15-49
P-9781170	Thy-Mo-Trol Drive 1/2 H.P., Interconnection Diagram CR7507F101A26	1-27-50

FOOT AND HAND MONITOR, BETA-GAMMA
Technical Associates
(BKC No. 3060)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
-----	Handbook of Maintenance Instructions - Beta Gamma Hand and Foot Monitor, Model HFM-2	7-19-54
1333	Beta-Gamma Hand and Foot Counter Model HFM-2 General Arrangement	6-9-53
1330-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply Circuit Diagram	5-20-53
1322	Beta-Gamma Hand and Foot Counter Model HFM-2 Cable Arrangement	6-5-53
1328	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel Circuit Diagram	6-9-53
1317-A	Beta Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Base	6-1-53
1316	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Arrangement	6-4-53
1315	Beta-Gamma Hand and Foot Checker Model HFM-2 Power Supply - Arrangement	5-18-53
1314	Beta-Gamma Hand and Foot Counter Model HFM-2 Microflex Deck - Arrangement	5-18-53
1313	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel - Arrangement	5-15-53
1311	Beta-Gamma Hand and Foot Counter Model HFM-2 Relay Rack	-
1302	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Tube Holder	5-12-53
1300	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Arrangement	6-1-53
1298	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck Arrangement	5-28-53
1205-A	Beta-Gamma Hand and Foot Monitor Model HFM-2 Circuit Diagram	4-9-53
1191-B	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Chassis	11-25-52
1176-C	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Chassis	11-17-52
1175-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel - Rack	11-13-52
1174	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel - Chassis	11-13-52
1173	Beta-Gamma Hand and Foot Counter Model HFM-2 Microflex Deck Chassis	11-12-52

FOOT AND HAND MONITOR, BETA-GAMMA
Technical Associates
(BKC No. 3060)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
1167-B	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck, Back Plate	11-11-52
439-B	Alpha Hand Monitor Model AHM-1 and Beta-Gamma Hand and Foot Counter, HFM-2 - Plug-In Scaler, Circuit Diagram	7-5-51
419	Alpha Hand Monitor Model AHM-1 and Beta-Gamma Hand and Foot Counter Model HFM-2 - Plug-In Scaler - Arrangement and Details	5-30-51
1197	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Screen	11-27-52
1166	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Panel	11-10-52
1202	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Stand	1-9-53
1204	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Mounting Board	2-17-53
1301	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - PIG	5-15-53
1319-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker Panel	5-21-53
1326	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck Circuit Diagram	6-9-53
1329	Beta-Gamma Hand and Foot Counter Model HFM-2 Microflex Deck - Circuit Diagram	6-8-53
1189	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Bracket	11-24-52
1184	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel - Panel	11-19-52
1323-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Junction Box	6-5-53
1177-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Sub-Deck	11-17-52
1179	Beta-Gamma Hand and Foot Counter Model HFM-2 Microflex Deck - Panel	11-17-52
1178	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Panel	11-17-52
1182	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Deck - Panel	11-18-52
1180	Beta-Gamma Hand and Foot Counter Model HFM-2 Panel Bottom	11-18-52
1305	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Back - Left	5-15-53

FOOT AND HAND MONITOR, BETA-GAMMA
Technical Associates
(BKC No. 3060)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
1304	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Back & Right	5-15-53
1183-C	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Hinge Bracket	11-18-52
1207	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Battery Clamp	5-20-53
1198	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Roller	11-25-52
1196	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Horizontal Angle	11-25-52
1199	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Spacer	11-25-52
1200	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker Support	6-1-53
1283	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Spacer	6-10-53
1331	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Circuit Diagram	6-10-53
1327	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Circuit Diagram	6-10-53
1325	Beta-Gamma Hand and Foot Counter Model HFM-2 Junction Box - Block	6-5-53
1324	Beta-Gamma Hand and Foot Counter Model HFM-2 Junction Box Cover	6-4-53
1307	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Shaft	5-11-53
1299	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Doseage Indicator Arrangement	5-20-53
1297	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Window	5-22-53
1308	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Standoff	5-12-53
1296	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Shaft	5-14-53
1295	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Bushing	5-14-53
1293	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Shaft	5-14-53
1292	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Insulating Cap	6-10-53
1185-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel - Lock	11-19-52

HAP0-BPT No. 8297 (Continued)

FOOT AND HAND MONITOR, BETA-GAMMA
Technical Associates
(BKC No. 3060)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
1172	Beta-Gamma Hand and Foot Counter Model HFM-2 Microflex and Power Supply Deck - Lock	11-11-52
1290	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Shaft	6-1-53
1181	Beta-Gamma Hand and Foot Counter Model HFM-2 Hinge Pad	11-18-52
1188-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Lock	11-19-52
1192	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Cover	11-24-52
1190	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Insulator	11-24-52
1288	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Pillow Block	5-14-53
1194	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Vertical Angle	11-25-52
1193	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Spring	11-24-52
1286	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Stop	6-1-53
1287	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Trip	5-14-53
1289	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Bracket	5-22-53
1291	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Shaft	6-1-53
1168-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Bracket	11-11-52
1294	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Shaft	5-14-53
1303	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Insulator	5-11-53
1309	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Bottom	5-12-53
1306	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Lever	5-11-53
1312	Beta-Gamma Hand and Foot Counter Model HFM-2 Bottom Panel - Brackets	5-25-53
1310	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Spacer	5-21-53

FOOT AND HAND MONITOR, BETA-GAMMA
Technical Associates
(BKC No. 3060)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
1318	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Plate	5-12-53
1321	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Lock	6-5-53
1320	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Spacer	5-11-53
1332	Beta-Gamma Hand and Foot Counter Model HFM-2 Cable List	6-10-53
1195	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Vertical Angle	11-25-52
1206	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Battery Clamp Spacer	5-18-53
1203-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Hand Checker - Spacer	5-25-53
1201	Beta-Gamma Hand and Foot Counter Model HFM-2 Foot Checker - Support	11-25-52
1284	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Coupling	5-22-53
1208	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Battery Base	5-18-53
1209	Beta-Gamma Hand and Foot Counter Model HFM-2 Power Supply - Sub-Deck Spacer	5-18-53
1186-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Scaler Channel - Stop	11-19-52
1285	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Shaft	5-22-53
1169	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Cover - Doseage Indicator	11-11-52
1170	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Base - Doseage Indicator	11-11-52
1171	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Dial - Doseage Indicator	11-11-52
1187-A	Beta-Gamma Hand and Foot Counter Model HFM-2 Register Deck - Bracket	11-19-52

FLOAT - TRANSMITTING ROTOMETER
Fischer and Porter Co.
(BKC No. 2417)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
065-00	Instruction Bulletin - The Type WT-4 Pneumatic Transmitter (8 pages)	Nov. 1953
705.3	Instructions - The Series 700 Extension Meter (11 pages)	Aug. 1952
037-00	Instruction Bulletin - Magabond Instruments (7 pages)	Nov. 1953
E-6065	Dimension Drawing for Fig. 1615 to 1618 Instruments	7-9-53
-----	Certified Dimensions for Dwg. E-6065	2-2-54
E-5611	Outline Dimensions of Flowrator Meter with Magabond Extensions (Special Conns. on Size 5 and 6, 1/2" N.P.T. Drain Conn. in Plug)	12-21-53
-----	Certified Dimensions for Dwg. E-5611	2-2-54
-----	Standard and Recommended Parts List for Repairing and Maintaining Fischer and Porter Company Recording, Controlling, Integrating Instruments (26 pages)	8-21-50
C-7618	Alignment Curve - Tube - B3-24-127 (CO -10 to +117) Float - 3 - BSX02K-79	12-9-54
C-7620	Alignment Curve - Tube B4-27-5, Float - BUSVO2K-430	12-9-54
C-7621	Alignment Curve - Tube B3-24-10 (CO -10 +117) Float - BSX02K-316	12-9-54
C-7623	Alignment Curve - Tube - B2-26-10 (CO -10 +117) Float - BSX02K-215	12-9-54
C-10476-A	Specific Gravity Correction Factor Curve for Meters Calibrated with Liquid Sp. Gr. 1.3	12-9-54
C-10584-A	Density Correction Factor Curve for Flowrators Calibrated with Liquid Density 1.06 GR/CC	12-9-54
C-10609-A	Density Correction Factor Curve for Flowrator Instruments Calibrated with Liquid Density 1.36 GMS/CC	12-9-54
C-10947-A	Density Correction Factor Curve for Flowrator Instruments Calibrated with Liquid Density 1.0 GMS/CC	12-9-54
C-11173-A	Specific Gravity Correction Factor Curve for Flowrators Calibrated with Liquid Sp. Gr. 0.78	12-9-54
C-11637-A	Density Correction Factor Curve for Flowrators Calibrated with Liquid Density 1.01 GMS/CC	12-9-54
C-11938-A	Density Correction Factor Curve for Flowrator Instruments Calibrated with Liquid Density 0.98 GR/CC	12-9-54
C-33253	Alignment Curve, Tube B6-27-5, Float - 6-BSVOK-242/70	12-9-54

FLOAT - TRANSMITTING ROTOMETER
Fischer and Porter Co.
(BKC No. 2417)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
C-33254	Alignment Curve, Tube - B8-27-5, Float 8-BSVOK-595/70	12-9-54
C-33255	Alignment Curve, Tube B5-21-5, Float - 5-BSVOK-178/70	12-9-54
C-33256	Alignment Curve, Tube B8-22-5, Float - 8-BSVOK- 551/70	12-9-54
C-33257	Alignment Curve, Tube B9-27-5, Float - BNSVOK-923	12-9-54
-----	Instructions (2 pages)	-
745-00	Instruction Bulletin, Side Plate and Tie Rod Flowrator Meter Series 700 (14 pages)	July 1954
065-10	Instruction Bulletin, The Pneumatic Transmitter (Model WT4) and Pressure Gauge (10 pages)	Jan. 1955
015-10	Instruction Bulletin, 1600 Series Instrument Cases (Large, Small, Double Depth) (2 pages)	Apr. 1954
606.01	Instructions, Instrument Air Supply (10 pages)	-
-----	Parts Lists (26 pages)	Mar. 1955

AMPLIFIERS - FIRE DETECTOR ELEMENT
Fireye Corporation
(BKC No. 3182)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
FC-351-C	Fireye FD-10 Fire Detection System, Type 70A1 Amplifier, Type 41RT1 Detector, General Specifications (5 pages)	7-20-54
-----	Wiring Diagram and Const. Details for Aux. Cabinet for Fireye FD-10-Fire Detection Sys.	-
C 75-214	Wiring Schematic, Type 70A1, Mod. 1001	-

AMPLIFIERS - pH
Beckman Instruments
(BKC No. 4037)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
343	Instruction Manual, Beckman Model W Industrial pH Meter and Accessories (30 pages)	7-19-54
342	The Beckman Model W Industrial pH Meter (10 pages)	-

ALARM SWITCH - DIFFERENTIAL PRESSURE
Meletron Corporation
(BKC No. 2748)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
427	Differential Pressure Actuated Switches (3 pp)	-
427E-10	Switch, Differential Pressure Actuated	-

HAPO-BPF No. 8269

ALARM SWITCH - TEMPERATURE INDICATING
Minneapolis-Honeywell Regulator Company
(BKC No. 6689)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
10-G-25	Drilling Dimensions for Rect Case Instrument Flush and Surface Mounting	2-1-52
PL-60	Rectangular Case Thermometer and Pressure Gauges (70 pages)	10-15-51
59005G Issue 2	Instruction Manual for Installation, Operation and Maintenance, Brown Electr-O-Vane Control For Rectangular Case Thermometers and Pressure Gauges (13 pages)	-
60006G Issue 1	Instruction Manual for Installation, Operation and Maintenance, Brown Rectangular Case Indicating Thermometers (14 pages)	-
15-G-80	Temperature Spiral Actuating Mechanism and Connecting Linkage Indicating Rect. Case	4-26-49
13-G-95	External Wiring Diagram for Rectangular Case Instruments	2-19-48
1ED17516	Wiring Diagrams for 61K-64K Dial Gages with Electric Contacts and Transformer Relay	4-18-52
6408-517	Mounting Dimensions 61K 6" Dial Thermometer Capillary Connection	5-31-51
6408-437	Separable Wells Mounting Dimensions	3-4-45
6408-443A	Transformer Relay Mounting Dimensions	3-29-45

HAPC-BPF No. 7924

JETS - SAMPLER
Penberthy Injector Company
(BKC No. 2234)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
74321D	Special 1/2" Air Operated Jet Syphon -	
	AISI No. 347 S.S. Welded Construction	12-3-53
74321D-1	Performance Data Special 1/2" Air Operated	
	347 S.S. Jet Syphon (S-3666)	2-1-54
74321D-2	GPM vs. Operating Air Pressure 67 Ft. Suction	
	Lift .098 Dia. Air Bleed	4-5-54
J-SPL	Data Sheet -Jet Liquid Syphon (2 sheets)	8-24-53

HAPD-BPF No. 7920

JETS - 2" LIQUID TRANSFER
Pemberthy Injector Company
(BKC No. 1090)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
69252D-6	Special 2x2x2 Steam Jet Syphon (Model No. S-3626, 40 GPM)	9-30-53
69252D	Special 3x3x2 Steam Jet Syphon (Model No. S-3620, 75 GPM)	9-30-53
76546D	Special 1x1x1 Steam Jet Syphon (Model S-3627, 3 GPM)	12-31-53
69252D-5	Special 1x1x1 Water Jet Syphon (Model S-3625, 3 GPM)	9-30-53
69252D-4	Special 1x1x1 Steam Jet Syphon (Model S-3624, 2 GPM)	9-30-53
69252D-3	Special 1x1x1 Steam Jet Syphon (Model S-3623, 10 GPM)	9-30-53
69252D-2	Special 2x2x2 Steam Jet Syphon (Model No. S-3622, 25 GPM)	9-30-53
69252D-1	Special 2x2x2 Steam Jet Syphon (Model No. S-3621, 75 GPM)	9-30-53
69252D-1A thru 6A	Capacity vs Steam Pressure (6 sheets)	3-13-53
76546D-A	Capacity vs Steam Pressure	2-11-54
69252D-A	Capacity vs Steam Pressure	3-28-54
69252D-1A thru 6A	Ejector Performance Curves (6 sheets)	5-6-54
69252D-A	Ejector Performance Curve	5-7-54
76546D-A	Ejector Performance Curve	5-7-54
J-A3-1	Data Sheet, Jet Liquid Syphon Alt. 6 (8 sheets)	4-10-53
J-K3-1	Data Sheet, Jet Liquid Syphon Alt. 4 (4 sheets)	6-11-53
J-SPA	Data Sheet, Jet Liquid Syphon (3 sheets)	4-15-53
J-L11-2	Data Sheet, Jet Liquid Syphon, Alt. 4	4-10-53
J-A3-1	Data Sheet, Jet Liquid Syphon (6 sheets)	4-10-53
J-A3-1	Data Sheet, Jet Liquid Syphon Alt. 2 (6 sheets)	4-10-53
J-L11-2	Data Sheet, Jet Liquid Syphon	4-10-53
J-L9	Data Sheet, Jet Liquid Syphon	4-10-53
J-SA	Data Sheet, Jet Liquid Syphon (3 sheets)	4-15-53

HAPO-BPF No. 8505

FOUR-FOLD ALPHA HAND MONITORS
Radiation Counter Laboratories, Inc.
(BKC No. 3860)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
2505-28	Fourfold Hand Counter Alpha Channel Arrg't. Det.	4-7-54
2505-34	Fivefold Hand Counter Microflex and Power Supply, Front Panel Details	4-7-54
2505-6	Fourfold Hand Counter Register Drive Arrangement	4-7-54
2505-14	Four and Fivefold Counter Microflex Deck Details	4-7-54
2505-11	Four and Fivefold Counter Doseage Indicator Arrangement and Details	4-7-54
2505-26	Plug In Amplifier Arrangement and Chassis	4-7-54
2505-23	Plug In Alpha Amplifier Circuit Diagram	4-7-54
2505-22	Plug In Scaler Scale Of Eight Circuit Diagram	4-7-54
2505-25	Four and Fivefold Plug In Scaler - Arrangement and Details	4-1-54
2505-10	Fourfold Hand Counter Register Deck Electrical Panel Assembly	4-7-54
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2505-30	Fourfold Counter Power Supply Details	4-7-54
2505-7	Fourfold Hand Counter Register Drive Details	4-7-54
2505-20	Alpha Hand Counter Details	4-7-54
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2505-3	Fourfold Hand Counter Cable Arrangement	4-7-54
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2505-4	Alpha Hand Counter Cable List	4-7-54
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2505-5	Fourfold Hand Counter Register Deck Circuit Diagram	4-7-54
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2505-31	Fourfold Front Panel Power Supply	4-7-54
2505-13	Fourfold Hand Counter Microflex Deck Circuit Dia.	4-7-54
-----	Spare Parts List, Four-Fold Alpha Hand Monitor (3 pages)	-
-----	Instruction Manual for Four-Fold Alpha Hand Monitor (19 pages)	-
2505-27	Fourfold Hand Counter Alpha Channel Details	4-7-54

HAP0-BPF No. 7800

CONTROLLERS - PURGE RATE
Fischer and Porter Co.
(BKC No. 1967)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
GBM-24116 Rev. 0	Constant Differential Pressure Regulator Assembly	6-4-53
025-00	Instruction Bulletin - Ratographic Indicator Including Loading Station and Controller Transfer Applications (8 pages)	Sept. 1953
G-40125	Outline Dimensions of Ratographic Indicator	3-25-53
691-10	Instruction Bulletin - The Differential Regulator (2 pages)	Nov. 1953
108	Data Sheet, Purge Rate Controller	8-26-53

AMPLIFIERS-RADIATION
Beckman Instruments, Inc.
(BKC No. 4032)

<u>Identification</u>	<u>Title</u>	<u>Date</u>
D5-5600	Model V Mounting Dimensions	2-11-52
D2-1710	Mounting Dimensions Automatic Multiple Switch	11-16-51
D3-1710	Cable Installation Automatic Multiple Switch	1-7-52
D5-1710	Insulation Resistance Specifications	8-21-52
D6-1710	Chart Application	3-6-53
D1-5600-D	Circuit Diagram Vibrating Reed μ μ Ammeter	5-15-53
D3-5600	Model V Test Instructions	8-27-52
D4-5600	Model V Patent Label Application	1-8-53
D4-1710	Inter-Unit Connection Diagram Model V Micro- Micro Ammeter	1-10-51
D1-1710	Circuit Diagram	4-28-52

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