JUL 08 1999

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

1. EDT 626839

2. To: (Receiving Organization) LHMC	3. From: (Originating Organization) FDNW Engineering Services	4. Related EDT No.: 626839
5. Proj./Prog./Dept./Div.: Saltwell Exhauster	6. Design Authority/ Design Agent/Cog. Engr.: J.R. Kriskovich	7. Purchase Order No.: Various
8. Originator Remarks: Master Equipment List for 500 CFM Portable Exhauster POR05		9. Equip./Component No.: POR-005, Skid C
		10. System/Bldg./Facility: Various/Portable
11. Receiver Remarks: 11A. Design Baseline Document? ☐ Yes ☒ No		12. Major Assm. Dwg. No.: N/A
		13. Permit/Permit Application No.: N/A
		14. Required Response Date: N/A

15. DATA TRANSMITTED					(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	HNF-4623		0	Master Equipment List for 500 CFM Portable Exhauster Skid POR-005, Skid c	<i>NA</i> <i>OK</i> <i>6-18-99</i> <i>Q</i>	2	1	

16. Approval Designator (F)			Reason for Transmittal (G)			Disposition (H) & (I)		
E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)			1. Approval	4. Review		1. Approved	4. Reviewed no/comment	
			2. Release	5. Post-Review		2. Approved w/comment	5. Reviewed w/comment	
			3. Information	6. Dist. (Receipt Acknow. Required)		3. Disapproved w/comment	6. Receipt acknowledged	

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)									
(G) Reason	(J) Name	(K) Signature MSIN	(L) Date	(M)	(G) Reason	(H) Disp.	(J) Name	(K) Signature MSIN	(L) Date (M)
1	Design Authority	<i>J.R. Kriskovich</i>	6-23-99	1	1	1	J.R. LAPOINTE	R2-82	6-23-99
1	Design Agent	G. McDonald	E6-28	1	1	1			
1	Cog. Eng.	J.R. Kriskovich	RL-56	1	1	1			
1	Cog. Mgr.	R.E. Larson	T4-07	1	1	1			
1	QA	T. Volkman	S7-34	1	1	1			
1	Safety	N/A		3	3	3	Central Files		B1-07
1	Env.	N/A		3	3	3	DOE/RL Reading Room		H2-53

18. Signature of EDT Originator <i>Will Thomas</i> 6/30/99	19. Authorized Representative for Receiving Organization Date	20. Design Authority/Cognizant Manager <i>J.R. Kriskovich</i> 6-18-99	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments
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Master Equipment List 500 CFM Portable Exhauster POR-005 Skid C

J. R. Kriskovich

Lockheed Martin Hanford Co., Richland, WA 99352

U.S. Department of Energy Contract DE-AC06-96RL13200

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Key Words: 500 cfm exhauster, Master Equipment List

Abstract: The Master Equipment List (MEL) lists all the major components of the 500 cfm exhauster POR05. The purpose of this Master Equipment List is to provide basic information and references to other documents for the listed components. In addition to all major components, all other identifiable components have been listed. This supporting document has been prepared to make the 500 cfm exhauster "Master Equipment List" readily retrievable.

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Janis Aardal 7-8-99
Release Approval Date

Approved for Public Release

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-BKR-101	DISTRIBUTION PANEL / VTP-PNL-101	POR05 EXHAUST SKID	SQUARE D / MPZ7S4DF	NA	NA	H-14-100868-1 H-14-100869 SHT 1 item # 1	NA	GS	NA
POR05-VTP-CON-206	GLYCOL HEATER 001	POR05 EXHAUST SKID	ALLEN-BRADLEY / 500L-A0D93	NA	NA	H-2-829116 SHT 1 H-14-100870 SHT 2 item # 77	NA	GS	NA
POR05-VTP-CON-301	SAMPLE VACUUM PUMP STARTER	PRO04 EXHAUST SKID	TELEMECANIQUE/LC1-D2510 / LR2D13	NA	NA	H-14-100916 SHT 1, 5 item # 46/478	NA	GS	NA
POR05-VTP-CON-302	SAMPLE VACUM PUMP STARTER	POR05 EXHAUST SKID	TELEMECANIQUE / LCI-D2510	NA	NA	H-14-100916 SHT 1, 5 item # 46/47	NA	GS	NA
POR05-VTP-CONV-101	485 DH DATA HIGHWAY MODULE DATA LINK COUPLER/SCL 500 AND CABLE	POR05 EXHAUST SKID	ALLEN BRADLEY / 1747-AIC, 1747-C11	NA	NA	H-14-100870 SHT 2 ITEM # 142, 143 H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-CP-105	EXHAUST CONTROL PANEL	POR05 EXHAUST SKID	HOFFMAN/A-36H30FLP	NA	NA	H-2-829116 SHT 1, H-14-100870 SHT 1, 3 item # 21	NA	GS	NA
POR05-VTP-DS-101	PORTABLE EXHAUSTER SKID MAIN POWER	POR05 EXHAUST SKID	WESTINGHOUSE/WFDN 100, EHD3030	NA	NA	H-14-100868-1 H-14-100870 SHT 1 item # 1, 2	NA	GS	NA
POR05-VTP-DS-102	EXHAUST FAN MOTOR 001 SUPPLY FUSED DISCONNECT SWITCH	POR05 EXHAUST SKID	CUTLER-HAMMER DH361FRK BUSSMAN NOS-6	NA	NA	H-14-100868-1 H-14-100870 SHT 1 ITEM # 7, 8	NA	GS	NA
POR05-VTP-DS-201	GLYCOL HEATER MOTOR 001 SUPPLY FUSED DISCONNECT SWITCH	POR05 EXHAUST SKID	CUTLER-HAMMER DH361FRK BUSSMAN NOS-10	NA	NA	H-14-100868-1 H-14-100870 SHT 1 ITEM # 8, 9	NA	GS	NA
POR05-VTP-EF-001	VENT TRAIN EXHAUST FAN	POR05 EXHAUST SKID	BARRYBLOWER / 7-16 TYPE OT-15	NA	22758 ITEM # 7, 13, 15	H-2-829116 SHT 1 H-14-100867 SHT 1 see note #1	6-TF-237	GS	NA
POR05-VTP-ENCL-104	HEAT TRACE CABINET	POR05 EXHAUST SKID	HOFFMAN/A-30P20	NA	22758 ITEM # 38	H-2-829116 SHT 2 H-14-100870 SHT 2 ITEM # 51	NA	GS	NA
POR05-VTP-ENCL-106	INTRINSIC BARRIER CABINET	POR05 EXHAUST SKID	ELECTROMATE/ELME20 H20B	NA	NA	H-14-829116-5 H-14-100870 SHT 2 ITEM # 110	NA	GS	NA
POR05-VTP-ENCL-107	EXHAUSTER ALARM PANEL	POR05 EXHAUST SKID	HOFFMAN, C-SD242416	NA	NA	H-2-829116 SHT 1, H-14-100870 SHT 1, 5 ITEM # 15	NA	GS	NA
POR05-VTP-ENCL-301	SAMPLE CABINET ENCLOSURE	POR05 EXHAUST SKID	HOFFMAN/A-36H3016SSLP	NA	NA	H-2-829116 SHT 5 H-14-100916 SHT 1, 4 ITEM # 2	NA	GS	NA
POR05-VTP-ENCL-302	PUMP CABINET ENCLOSURE	POR05 EXHAUST SKID	HOFFMAN/A-36H3016SSLP	NA	NA	H-2-829116 SHT 5 H-14-100916 SHT 1, 5 ITEM # 42	NA	GS	NA
POR05-VTP-F-104	HEAT TRACE CABINET 104 VENTILATION FAN	POR05 EXHAUST SKID	HOFFMAN/A-4AXFN	NA	NA	H-2-829116 SHT 2 H-14-100870 SHT 1 ITEM # 40	NA	GS	NA
POR05-VTP-F-105	EXHAUSTER CONTROL PANEL VENT FAN 105	POR05 EXHAUST SKID	HOFFMAN/A-PA10AXFN	NA	NA	H-2-829116 SHT 2 H-14-100870 SHT 1 ITEM # 37	NA	GS	NA
POR05-VTP-F-106	INTRINSIC BARRIER CABINET	POR05 EXHAUST SKID	Electromate / Elme20h20b	NA	NA	H-2-829116 SHT 2 H-14-100870 SHT 1 ITEM # 110	NA	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-F-107	ALARM PANEL 107 VENT FAN	POR05 EXHAUST SKID	HOFFMAN/A-4AXFN	NA	NA	H-2-829116 SHT 2 H-14-100870 SHT 2, 5 ITEM # 40	NA	GS	NA
POR05-VTP-F-301	SAMPLE CABINET 301 VENT FAN	POR05 EXHAUST SKID	HOFFMAN/A-4AXFN	NA	NA	H-2-829116 SHT 5 H-14-100916 SHT 1, 4 ITEM # 5	NA	GS	NA
POR05-VTP-F-302	PUMP CABINET 302 VENT FAN	POR05 EXHAUST SKID	HOFFMAN/A-6AXFN	NA	NA	H-2-829116 SHT 5 H-14-100916 SHT 1, 5 ITEM # 49	NA	GS	NA
POR05-VTP-FCV-301	EXHAUST STACK RECORD SAMPLE FLOW CONTROL VALVE	POR05 EXHAUST SKID	HASTINGS/HFC-203	NA	22758 ITEM # 43	H-2-829116 SHT 5 H-14-100916-1, 4 ITEM # 4	6-FCD-521	GS	NA
POR05-VTP-FCV-302	EXHAUST STACK CAM SAMPLE LINE FLOW CONTROL VALVE	POR05 EXHAUST SKID	HASTINGS/HFC-203	NA	22758 ITEM # 43	H-2-829116 SHT 5 H-14-100916-1, 4 ITEM # 4	6-FCD-521	SS	NA
POR05-VTP-FE-184	EXHAUST STACK FLOW ELEMENT	POR05 EXHAUST SKID	VERIS VERABAR / V100-6, 40-05-V-T1	NA	22758 ITEM # 40, 41	H-2-829116 SHT 1 H-14-100867 SHT 1, 9 item # 18	NA	GS	NA
POR05-VTP-FI-184	EXHAUST STACK FLOW INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24-115-4/20MA	NA	22758 ITEM # 36	H-2-829116-1 H-14-100870-1, 4 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-FLT-001	EXHAUST TRAIN PRE FILTER	POR05 EXHAUST SKID	FARR / UL CLASS 1, 30/30, 24" X 24" X 2", FARR PART # 074181005	NA	22758 ITEM # 8	H-2-829116 SHT 1 H-14-100867 SHT 2, 6 see note #3 item #25, 30	NA	GS	YES
POR05-VTP-FLT-002	EXHAUST TRAIN 1ST HEPA FILTER	POR05 EXHAUST SKID	FLANDERS / PART #T-007-D-03-05-NU-51-23-GG-DU5 or T-007-D-43-05-NU-51-23-GG-DU5	NA	22758 ITEM # 20, 21, 22, 23, 24, 25, 26, 42	H-2-829116 SHT 1 H-14-100867 SHT 2, 6 see note # 3	6-TF-156TX	GS	YES
POR05-VTP-FLT-003	EXHAUST TRAIN 2ND HEPA FILTER	POR05 EXHAUST SKID	FLANDERS / PART #T-007-D-03-05-NU-51-23-GG-DU5 OR T-007-d-43-05-NU-51-23-GG-DU5	NA	22758 ITEM # 20, 21, 22, 23, 24, 25, 26, 42	H-2-829116 SHT 1 H-14-100867 SHT 2, 6 see note # 3	6-TF-156TX	GS	YES
POR05-VTP-FLT-101	TANK S-102 BREATHER FILTER	TANK S-102	FLANDERS / PART #T-007-D-03-05-NU-51-23-GG-DU5 OR T-007-d-43-05-NU-51-23-GG-DU5	HNF-S-0552	22758 ITEM # 20, 21, 22, 23, 24, 25, 26, 42	H-2-73182 SHT 1	6-TF-156SB	GS	YES
POR05-VTP-FLT-102	TANK S-103 BREATHER FILTER	TANK S-103	FLANDERS / PART #T-007-D-03-05-NU-51-23-GG-DU5 OR T-007-d-43-05-NU-51-23-GG-DU5	HNF-S-0552	22758 ITEM # 20, 21, 22, 23, 24, 25, 26, 42	H-2-73182 SHT 1	6-TF-156SB	GS	YES
POR05-VTP-FLT-103	TANK S-016 BREATHER FILTER	TANK S-016	FLANDERS / PART #T-007-D-03-05-NU-51-23-GG-DU5 OR T-007-d-43-05-NU-51-23-GG-DU5	HNF-S-0552	22758 ITEM # 20, 21, 22, 23, 24, 25, 26, 42	H-2-73182 SHT 1	6-TF-156SB	GS	YES
POR05-VTP-FLT-301	RECORD SAMPLE FILTER	POR05 EXHAUST SKID	GELMAN SCIENCES #2200	NA	NA	H-14-100916 SHT 1, 4 item # 12	NA	GS	NA
POR05-VTP-FT-184	EXHAUST STACK FLOW XMTR	POR05 EXHAUST SKID	YOKOGAWA/EJA120-DES4B-92EC/FS1/D1	NA	22758 ITEM # 32	H-2-829116 SHT 1 H-14-100869-1,3 item # 21	6-PCD-373	SS	YES

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-HS-101	SEAL POT PUMP 004 ON/OFF SWITCH	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T-H42A	NA	NA	H-2-829116 SHT 1 H-14-100870 SHT 1, 4 ITEM # 13	NA	GS	NA
POR05-VTP-HS-102	GLYCOL PUMP 001 ON/OFF SWITCH	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T-H17D1 X559E	NA	NA	H-2-829116 SHT 1 H-14-100870 SHT 2, 4 ITEM # 93	NA	GS	NA
POR05-VTP-HS-103	EXHAUST FAN 001 OFF/ENABLE SWITCH	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T-H17D1	NA	NA	H-2-829116 SHT 1 H-14-100870 SHT 1, 4 ITEM # 11	NA	GS	NA
POR05-VTP-HS-104	ENCLOSURE 104 AND 106 SUMMER/WINTER CONTROL SW	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T-J17A	NA	NA	H-14-100868 SHT 5 H-14-100870 SHT 2, 4 ITEM # 96, 97	NA	GS	NA
POR05-VTP-HS-105	ENCLOSURE 105 AND 107 SUMMER/WINTER CONTROL SW	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T-J17A	NA	NA	H-14-100868 SHT 5 H-14-100870-2, 4 ITEM # 96, 97	NA	GS	NA
POR05-VTP-HTR-001	GLYCOL HEATER	POR05 EXHAUST SKID	CHROMALOX / NWHMT-3605E2	NA	22758 ITEM # 29	H-2-829116 SHT 1 H-14-100867 SHT 3, 18 ITEM # 136	NA	GS	NA
POR05-VTP-HTR-104	HEAT TRACE CABINET 104 HEATER	POR05 EXHAUST SKID	HOFFMAN / D-AH1001A	NA	NA	H-2-829116 SHT 2, H-14-100870 SHT 1, 3 ITEM # 39	NA	GS	NA
POR05-VTP-HTR-105	EXHAUSTER CONTROL PANEL 105 HEATER	POR05 EXHAUST SKID	HOFFMAN / D-AH2001A	NA	NA	H-2-829116 SHT 2, H-14-100870 SHT 1, 3 ITEM # 38	NA	GS	NA
POR05-VTP-HTR-106	INTRINSIC BARRIER CABINET 106 HEATER	POR05 EXHAUST SKID	HOFFMAN / D-AH1001A	NA	NA	H-2-829116 SHT H-4-100870 SHT 1, 3 ITEM # 39	NA	GS	NA
POR05-VTP-HTR-107	ALARM PANEL 107 HEATER	POR05 EXHAUST SKID	HOFFMAN / C-SD242416	NA	NA	H-2-829116 SHT 2 H-14-100870 SHT 1, 4 ITEM # 39	NA	GS	NA
POR05-VTP-HTR-301	SAMPLE CABINET 301 HEATER	POR05 EXHAUST SKID	HOFFMAN/D-AH4001B	NA	NA	H-2-829116 SHT 5 H-14-100916 SHT 1, 4 ITEM # 11	NA	GS	NA
POR05-VTP-HTR-302	PUMP CABINET 302 HEATER	POR05 EXHAUST SKID	HOFFMAN/D-AH2001A	NA	NA	H-2-829116 SHT 5 H-14-100916 SHT 1, 5 ITEM # 48	NA	GS	NA
POR05-VTP-HX-001	VENT EXHAUST TRAIN INLET HEAT EXCHANGER	POR05 EXHAUST SKID	EXCHANGER, INC / DWG 22444	NA	22758 ITEM # 28	H-2-829116 SHT 1 H-14-100867 SHT 3, 18 ITEM # 137	NA	GS	NA
POR05-VTP-LG-201	GLYCOL EXPANSION TANK 001 LEVEL GAUGE	POR05 EXHAUST SKID	MCMaster-CARR-96 / 1106KA	NA	NA	H-2-829116-1, H-14-100867-3, 18 ITEM # 147	NA	GS	NA
POR05-VTP-LI-185	SEAL POT 001 LEVEL INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14-100870 SHT 1, 4 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-LI-205	GLYCOL EXPANSION TANK 001 LEVEL INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14-100870 SHT 1, 4 ITEM # 23	6-GENI-135	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-LT-185	SEAL POT 001 LEVEL XMTR	POR05 EXHAUST SKID	DREXELBROOK/C508-45 709	NA	22758 ITEM # 39	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 27	6-CVT-331	GS	NA
POR05-VTP-LT-205	GLYCOL EXPANSION TANK 001 LEVEL XMTR	POR05 EXHAUST SKID	DREXELBROOKS/C508- 45-9	NA	22758 ITEM # 39	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 26	6-CVT-331	GS	NA
POR05-VTP-M-001	EXHAUST FAN MOTOR	POR05 EXHAUST SKID	SEE NOTE # 1 H-14- 100867 SHT 2	NA	22758 ITEM # 39	H-2-829116 SHT 1 H-14- 100869-2, NOTE # 1	NA	GS	NA
POR05-VTP-MT-101	EXHAUST STACK INLET MOISTURE XMTR	POR05 EXHAUST SKID	HY-CAL/CT-880-CH12	NA	22758 ITEM # 50	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 38	NA	GS	NA
POR05-VTP-P-001	GLYCOL RECIRCULATING PUMP	POR05 EXHAUST SKID	LAING THERMOTEC, INC / SM-909-BF	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 3, 18 ITEM # 131	NA	GS	NA
POR05-VTP-P-004	SEAL POT 001 PUMP	POR05 EXHAUST SKID	RANDOLPH AUSTIN / 610-100	NA	22758 ITEM # 46	H-2-829116 SHT 1 H-14- 100867 SHT 5, 7 ITEM # 217	5-FACE-418	GS	NA
POR05-VTP-P-301	SAMPLE VACUUM PUMP	POR05 EXHAUST SKID	METAL-BELLOWS / MB602	NA	22758 ITEM # 45	H-2-829116 SHT 1 H-14- 100916 SHT 1, 5 ITEM # 44	NA	GS	NA
POR05-VTP-P-302	SAMPLE VACUUM PUMP	POR05 EXHAUST SKID	METAL-BELLOWS / MB602	NA	22758 ITEM # 45	H-2-829116 SHT 1 H-14- 100916 SHT 1, 5 ITEM # 44	NA	GS	NA
POR05-VTP-PB-101	EXHAUST FAN 001 START PUSH BUTTON	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T- B1A	NA	NA	H-2-829116 SHT 1 H-14- 100870 SHT 1, 4 ITEM # 27	NA	GS	NA
POR05-VTP-PB-102	EXHAUST FAN 001 STOP PUSH BUTTON	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T- B6A	NA	NA	H-2-829116-1 H-14- 100870-1, 4 ITEM # 29	NA	GS	NA
POR05-VTP-PB-103	EMERGENCY POWER SHUTDOWN PUSH BUTTON	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T- D6JA	NA	NA	H-2-829116 SHT 1 H-14- 100870-1, 3 ITEM # 4	NA	GS	NA
POR05-VTP-PB-104	CAM BYPASS PUSH BUTTON	POR05 EXHAUST SKID	ALLEN-BRADLEY 800T- A1A	NA	NA	H-2-829116 SHT 1 H-14- 100870-2, 4 ITEM # 121	NA	GS	NA
POR05-VTP-PDI-170	TANK SOURCE 1 PLENUM INLET PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 3 H-14- 100870-1, ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-PDI-171	TANK SOURCE 3 PLENUM INLET PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 3 H-14- 100870-1, 2 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-PDI-173	TANK SOURCE 2 PLENUM INLET PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 2 H-14- 100870-1, 2 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-PDI-177	HEAT EXCHANGE 001 PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14- 100870-1, 2 ITEM # 23	NA	GS	NA
POR05-VTP-PDI-178	PRE FILTER 001 PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA ITEM	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14- 100870-1, 2 ITEM # 23	NA	GS	NA
POR05-VTP-PDI-180	1ST HEPA FILTER 002 PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14- 100870-1, 2 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-PDI-181	FILTER TRAIN PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14- 100870-1, 2 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-PDI-182	2ND HEPA FILTER 003 PRESS DIFF INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS471-24 G-115-4/20MA	NA	22758 ITEM # 36	H-2-829116 SHT 1 H-14- 100870-1, 4 ITEM # 23	6-GENI-135	GS	NA
POR05-VTP-PDI-190	TANK S-102 BREATHING FLTR PRESS DIFF INDICATOR	TANK S-102	DWYER / MODEL 2005	NA	NA	H-2-73182/73183/73185	6-GENI-135	GS	NA

Master Equipment List Rev 0

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POR05-VTP-PDI-191	TANK S-103 BREATHER FLTR PRESS DIFF INDICATOR	TANK S-103	DWYER / MODEL 2005	NA	NA	H-2-73182/73183/73185	6-GENI-135	GS	NA
POR05-VTP-PDI-192	TANK S-106 BREATHER FLTR PRESS DIFF INDICATOR	TANK S-106	DWYER / MODEL 2005	NA	NA	H-2-73182/73183/73185	6-GENI-135	GS	NA
POR05-VTP-PDT-170	TANK SOURCE 1 PLENUM INLET PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA / #EJA110A DLS4B-92EN/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 2 H-2- 73182/73183/73185	6-PCD-373	GS	NA
POR05-VTP-PDT-171	TANK SOURCE 1-1 PLENUM INLET PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA / #EJA110A DLS4B-92EN/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 2 H-2- 73182/73183/73185	6-PCD-373	GS	YES
POR05-VTP-PDT-173	TANK SOURCE 2 PLENUM INLET PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA / #EJA110A DLS4B-92EN/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 4	6-PCD-373	GS	YES
POR05-VTP-PDT-177	HEAT EXCHANGER 001 PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA/EJA120- DES4B-92EC/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 21	6-PCD-373	GS	YES
POR05-VTP-PDT-178	PRE FILTER 001 PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA/EJA120- DES4B-92EC/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 21	6-PCD-373	GS	YES
POR05-VTP-PDT-180	1ST HEPA FILTER 002 PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA/EJA110- DLS4B-92EC/FS1/D1 OR EJA110-DLS4B- 92EN/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 22	6-PCD-373	SS	YES
POR05-VTP-PDT-181	FILTER TRAIN PRESS DIFF XMTR	POR05 EXHAUST SKID	YOKOGAWA/EJA110- DLS4B-92EC/FS1/D1 OR EJA110-DLS4B- 92EN/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 1 H-14- 100869-1, 3 ITEM # 22	6-PCD-373	GS	YES
POR05-VTP-PDT-182	2ND HEPA FILTER 003 XTRM	POR05 EXHAUST SKID	YOKOGAWA/EJA110- DLS4B-92EC/FS1/D1 OR EJA110-DLS4B- 92EN/FS1/D1	NA	22758 ITEM # 31	H-2-829116 SHT 1 H-14- 100869 -1, 3 ITEM # 22	6-PCD-373	GS	YES
POR05-VTP-PNL-101	120/240 SERVICE TO	POR05 EXHAUST SKID	SQUARE D / MPZ7S4OF	NA	NA	H-14-100868 SHT 1 H-14- 100869 SHT 1, 4 ITEM # 1	NA	GS	NA
POR05-VTP-PS-101	POWER SUPPLY FOR MV-101 AND MV-102	POR05 EXHAUST SKID	POWER ONE / HN24-3.6 A	NA	22758 ITEM # 37	H-14-100868 SHT 6 H-14- 100870 SHT 2 ITEM # 94	NA	GS	YES
POR05-VTP-PS-301	GEMS POWER SUPPLY	POR05 EXHAUST SKID	POWER ONE / POWER SUPPLY, +/-15 VDC HAA15-0.8A	NA	22758 ITEM # 47	H-14-100868 SHT 6 H-14- 100870 SHT 2 ITEM # 138	NA	GS	YES
POR05-VTP-PSH-170	TANK SOURCE 1 PLENUM INLET PRESS SWITCH HI	POR05 EXHAUST SKID	ACTION INSTRUMENTS / AP1090-200	NA	22758 ITEM # 34	H-2-829116 SHT 2 H-14- 100870 SHT 1, 3 # 25	NA	GS	NA
POR05-VTP-PSH-171	TANK SOURCE 3 PLENUM INLET PRESS SWITCH HI	POR05 EXHAUST SKID	ACTION INSTRUMENTS / AP1090-200	NA	22758 ITEM # 34	H-2-829116 SHT 1 H-14- 100870 SHT 1, 3 ITEM # 25	NA	GS	NA
POR05-VTP-PSH-173	TANK SOURCE 2 PLENUM INLET PRESS SWITCH HI	POR05 EXHAUST SKID	ACTION INSTRUMENTS / AP1090-200	NA	22758 ITEM # 34	H-2-829116 SHT 2 H-14- 100870 SHT 1, 3 ITEM # 25	NA	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-RA-301	SAMPLE FLOW RADIATION MONITOR	POR05 EXHAUST SKID	EBERLINE / AMS4 DISPLAY UNIT W/PGMAMSFP PROGRAM INSTALLED WITH RELAY OUTPUT, WITH FAILSAFE OPERATION	NA	19183 SUPL # 8	H-2-829116 SHT 5 / H-14- 100870 SHT 2, 4 ITEM # 139	NA	SS	YES
POR05-VTP-RE-301	SAMPLE FLOW RADIATION ELEMENT	POR05 EXHAUST SKID	EBERLINE / AMS4OPT7- AMC	NA	19183 SUPL # 8	H-2-829116-5 H-14- 100916-1, 16 ITEM # 10	6-TF-168	SS	YES
POR05-VTP-SP-001	EXHAUST CONDENSATE DRAIN	POR05 EXHAUST SKID	SEAL POT ASSEMBLY	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 1 ITEM # 8	NA	GS	NA
POR05-VTP-SS-102	EXHAUST CAM SAMPLE PUMPS	POR05 EXHAUST SKID	ALLEN-BRADLEY / 800T- J2A	NA	NA	H-2-829116 SHT 1 H-14- 100870 SHT 2, 3 ITEM # 119	NA	GS	NA
POR05-VTP-TE-176	HEAT EXCHANGER 001 INLET TEMP ELEMENT	POR05 EXHAUST SKID	OMEGA/HWA/NB1-2/2- 1/DH-1-14-J-L/3/4-385S- U161/2-304SS	NA	22758 ITEM # 17	H-2-829116 SHT 1 H-14- 100869 SHT 1, 3 ITEM # 24	NA	GS	NA
POR05-VTP-TE-179	1ST HEPA FILTER 002 INLET TEMP ELEMENT	POR05 EXHAUST SKID	OMEGA/HWA/NB1-2/2- 1/DH-1-14-J-L/3/4-385S- U16 1/2-304SS	NA	22758 ITEM # 17	H-2-829116 SHT 1 H-14- 100869 SHT 1, 3 ITEM # 24	NA	GS	NA
POR05-VTP-TE-183	EXHAUST STACK INLET TEMP ELEMENT	POR05 EXHAUST SKID	OMEGA/HWA/NB1-2/2- 1/DH-1-4-J-L/3/4-385S-U4 1/2-304SS	NA	22758 ITEM # 17	H-2-829116 SHT 1 H-14- 100869 SHT 1, 3 ITEM # 25	NA	GS	NA
POR05-VTP-TI-104	HEAT TRACE CABINET 104 TEMP INDICATOR	POR05 EXHAUST SKID	MCMaster-CARR / 4006K32	NA	NA	H-2-829116 SHT 2 H-14- 100870 SHT 2, 3 ITEM # 60	NA	GS	NA
POR05-VTP-TI-105	EXHAUSTER CONTROL PANEL 105 TEMP INDICATOR	POR05 EXHAUST SKID	MCMaster-CARR / 4006K32	NA	NA	H-2-829116 SHT 2 H-14- 100870 SHT 2, 4 ITEM # 60	NA	GS	NA
POR05-VTP-TI-106	INTRINSIC BARRIER CABINET TEMP INDICATOR	POR05 EXHAUST SKID	MCMaster-CARR / 4006K32	NA	NA	H-14-100870 SHT 2, 3 ITEM # 60	NA		NA
POR05-VTP-TI-107	ALARM PANEL 107 TEMP INDICATOR	POR05 EXHAUST SKID	MCMaster-CARR / 4006K32	NA	NA	H-2-829116 SHT 2 H-14- 100870 SHT 2, 5 ITEM # 60	NA	GS	NA
POR05-VTP-TI-176	HEAT EXCHANGER 001 INLET TEMP INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS474-G- 115-J-US	NA	22758 ITEM # 35	H-2-829116 SHT 1 H-14- 100870 SHT 1, 4 ITEM # 24	6-GENI-135	GS	YES
POR05-VTP-TI-179	1ST HEPA FILTER 002 INLET TEMP INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS474-G- 115-J-US	NA	22758 ITEM # 35	H-2-829116 SHT 1 H-14- 100870 SHT 1, 4 ITEM # 24	6-GENI-135	GS	YES
POR05-VTP-TI-183	EXHAUST STACK INLET TEMP INDICATOR	POR05 EXHAUST SKID	WILKERSON / DIS474-G- 115-J-US	NA	22758 ITEM # 35	H-2-829116 SHT 1 H-14- 100870 SHT 1, 4 ITEM # 24	6-GENI-135	GS	YES
POR05-VTP-TK-001	GLYCOL EXPANSION TANK	POR05 EXHAUST SKID	HEATER RESERVOIR ASSEMBLY	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 1, 18 ITEM # 14	NA	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-TK-301	VACUM PUMP INLET SURGE SUPPRESSION TANK	POR05 EXHAUST SKID	MUFFLER -S/AB612A	NA	NA	H-2-829116 SHT 1 H-14- 100916 SHT 1, 4 ITEM # 65	NA	GS	NA
POR05-VTP-TS-001	HEAT TRACE MASTER CONTROL SWITCH	POR05 EXHAUST SKID	RAYCHEM CHEMELEX/AMC-1A OR AMC-1B	NA	NA	H-2-829116 SHT 2 / H-14- 100870 SHT 2, 3 ITEM # 82	NA		NA
POR05-VTP-TS-206	GLYCOL RECIRCULATING HEATER 001 TEMP SWITCH	POR05 EXHAUST SKID	CHROMALOX / NWHMT- 3605E2	NA	22758 ITEM # 29	H-2-829116 SHT 1 H-14- 100867 SHT 3, 18 ITEM # 136	NA	GS	NA
POR05-VTP-TS-301	SAMPLE CABINET 301 COOLING FAN TEMP SWITCH	POR05 EXHAUST SKID	HOFFMAN/A-TEMNO	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 1, 4 ITEM # 19	NA	GS	NA
POR05-VTP-TS-302	PUMP CABINET 302 COOLING FAN TEMP SWITCH	POR05 EXHAUST SKID	HOFFMAN/DAH2001A	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 1, 5 ITEM # 48	NA	GS	NA
POR05-VTP-TS-303	SAMPLE LINE HEAT TRACE	POR05 EXHAUST SKID	RAYCHEM / AMC-1B	NA	NA	H-2-829116 SHT 3 H-14- 100916 SHT 1, 4 ITEM # 7	NA	GS	NA
POR05-VTP-V-101	PDT 170 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-102	PDT 170 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-103	PDT 170 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2 H-14- 100867 SHT 1, 7 ITEM # 40	NA	GS	NA
POR05-VTP-V-104	PDT 171 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4	NA	GS	NA
POR05-VTP-V-105	PDT 171 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4	NA	GS	NA
POR05-VTP-V-106	PDT 171 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4 H-14- 100867 SHT 1, 7 ITEM # 40	NA	GS	NA
POR05-VTP-V-111	FT 172 HI SIDE FIRST	POR05 EXHAUST SKID	VERIS VERABAR / MODELS V100, V110	NA	22758 ITEM # 40, 41	H-2-829116 SHT 4 H-14- 100867 SHT 1, 9 ITEM # 18	NA	GS	NA
POR05-VTP-V-112	FT 172 LO SIDE FIRST	POR05 EXHAUST SKID	VERIS VERABAR / MODELS V100, V110	NA	22758 ITEM # 40, 41	H-2-829116 SHT 4 H-14- 100867 SHT 1, 9 ITEM # 18	NA	GS	NA
POR05-VTP-V-113	FT 172 HI SIDE CAL	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4	NA	GS	NA
POR05-VTP-V-114	FT 172 LO SIDE CAL	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4	NA	GS	NA
POR05-VTP-V-115	FT 172 MANIFOLD HI SIDE SECOND	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4	NA	GS	NA
POR05-VTP-V-116	FT 172 MANIFOLD LO SIDE SECOND	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4	NA	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-V-117	FT 172 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 4 H-14- 100867 SHT 1, 7 ITEM # 40	NA	GS	NA
POR05-VTP-V-118	PDT-173 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-119	PDT-173 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-120	PDT-173 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2 H-14- 100867 SHT 1, 7 ITEM # 40	NA	GS	NA
POR05-VTP-V-121	FT 174 HI SIDE FIRST	POR05 EXHAUST SKID	VERIS VERABAR / MODELS V100, V110	NA	22758 ITEM # 40, 41	H-2-829116 SHT 2 H-14- 100870 SHT 1, 9 ITEM # 18	NA	GS	NA
POR05-VTP-V-122	FT 174 LO SIDE FIRST	POR05 EXHAUST SKID	VERIS VERABAR / MODELS V100, V110	NA	22758 ITEM # 40, 41	H-2-829116 SHT 2 H-14- 100870 SHT 1, 9 ITEM # 18	NA	GS	NA
POR05-VTP-V-123	FT 174 HI SIDE CAL	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-124	FT 174 LO SIDE CAL	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-125	FT 174 MANIFOLD HI SIDE SECOND	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-126	FT 174 MANIFOLD LO SIDE SECOND	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2	NA	GS	NA
POR05-VTP-V-127	FT 174 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 2 H-14- 100867 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-135	12" PRI VENT EXHAUST TRAIN INLET	POR05 EXHAUST SKID	KEYSTONE / FIG 360 TRIM CODE 173	NA	22758 ITEM # 9	H-2-829116 SHT 1 H-14- 100867 SHT 1, 6 Item #21	NA	SS	NA
POR05-VTP-V-136	6" PRI VENT EXHAUST TRAIN OUTLET	POR05 EXHAUST SKID	KEYSTONE / FIG 360 TRIM CODE 173	NA	22758 ITEM # 9	H-2-829116 SHT 1 H-14- 100867 SHT 1, 6 Item # 16	NA	SS	NA
POR05-VTP-V-137	PDT 177 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-138	PDT 177 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-139	PDT 177 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1 H-14- 100870 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-140	PDT 178 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-141	PDT 178 MANIFOLD LO SIDE	POR05 EXHAUST SKID	NA	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-142	PDT 178 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1 H-14- 100870 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-143	PDT 180 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-V-144	PDT 180 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-145	PDT 180 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1 H-14- 100870 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-146	PDT 181 MANIFOLD HI SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-147	PDT 181 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-148	PDT 181 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1 H-14- 100870 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-149	PDT 182 MANIFOLD SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-150	PDT 182 MANIFOLD LO SIDE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-151	PDT 182 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1 H-14- 100870 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-153	FE 184 HI SIDE VALVE	POR05 EXHAUST SKID	VERIS VERABAR / MODELS V100, V110	NA	22758 ITEM # 40, 41	H-2-829116 SHT 1 H-14- 100870 SHT 1, 9 Item # 18	NA	GS	NA
POR05-VTP-V-154	FE 184 LO SIDE VALVE	POR05 EXHAUST SKID	VERIS VERABAR / MODELS V100, V110	NA	22758 ITEM # 40, 41	H-2-829116 SHT 1 H-14- 100870 SHT 1, 9 Item # 18	NA	GS	NA
POR05-VTP-V-155	FT 184 MANIFOLD HI SIDE VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-156	FT 184 MANIFOLD LO SIDE VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1	NA	GS	NA
POR05-VTP-V-157	FT 184 MANIFOLD EQUALIZING VALVE	POR05 EXHAUST SKID	D/A MFG CO / GP3TC-T- LSS-MB	NA	22758 ITEM # 30	H-2-829116 SHT 1 H-14- 100870 SHT 1, 7 Item # 40	NA	GS	NA
POR05-VTP-V-158	VENT TRAIN EXHAUST FAN VALVE	POR05 EXHAUST SKID	WHITEY / SS-65TF16- LLK, SS-65TW16P40-LLK	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 2, 3, 7 Item # 96 # 155	NA	GS	NA
POR05-VTP-V-160	SEAL POT 001 DRAIN VALVE	POR05 EXHAUST SKID	WHITEY / SS-63TW8P40- LLK	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 4, 16 Item # 160	NA	GS	NA
POR05-VTP-V-161	SEAL POT 001 OVERFLOW VALVE	POR05 EXHAUST SKID	WHITEY/SS-65TW16P40- LLK	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 3, 7, 16 Item # 155	NA	GS	NA
POR05-VTP-V-162	SEAL POT 001 VENT VALVE	POR05 EXHAUST SKID	WHITEY / SS-65TF16- LLK, SS-65TW16P40-LLK ITEM # 96 # 155	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 2, 3, 7 Item # 96 # 155	NA	GS	NA
POR05-VTP-V-163	SEAL POT PUMP 004 RETURN VALVE	POR05 EXHAUST SKID	WHITEY / SS-63TW8P40- LLK OR SS-63TW8P40 W/SS-51K-63LLK-OG HANDLE KIT	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 5, 22 Item # 245	NA	GS	NA

Master Equipment List

Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-V-164	SEAL POT PUMP 004 SUCTION VALVE	POR05 EXHAUST SKID	WHITEY / SS-63TW8P40- LLK OR SS-63TW8P40 W/SS-51K-63LLK-OG HANDLE KIT	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 5, 22 Item # 245	NA	GS	NA
POR05-VTP-V-165	SEAL POT PUMP ENCLOSURE INLET VALVE	POR05 EXHAUST SKID	WHITEY / SS-63TW8P40- LLK OR SS-63TW8P40 W/SS-51K-63LLK-OG HANDLE KIT	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 5, 22 Item # 245	NA	GS	NA
POR05-VTP-V-166	SEAL POT PUMP 004 DISCH TO TANK VALVE	POR05 EXHAUST SKID	WHITEY / SS-63TW8P40- LLK OR SS-63TW8P40 W/SS-51K-63LLK-OG HANDLE KIT	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 5, 22 Item # 245	NA	GS	NA
POR05-VTP-V-180	EXHAUSTER CONDENSATE DRAIN ISO VALVE	TANK S-102	WHITEY/ SS-65TW16P40 JL	NA	NA	H-2-73183	NA	GS	NA
POR05-VTP-V-181	EXHAUSTER INLET ISOLATION FROM TANK S-102	TANK S-102	KEYSTONE / 8" LUG TYPE B'FLY VALVE ANSI CLASS 150 FULL LUG F362-173 W/GEAR OPERATOR	NA	NA	H-2-73183	NA	GS	NA
POR05-VTP-V-182	TANK S-102 ISOLATION TO PORTABLE EXHAUSTER	TANK S-102	KEYSTONE / 8" LUG TYPE B'FLY VALVE ANSI CLASS 150 FULL LUG F362-173 W/GEAR OPERATOR	NA	NA	H-2-73182	NA	GS	NA
POR05-VTP-V-183	TANK S-102 BREATHER FILTER ISOLATION VALVE	TANK S-102	KEYSTONE / 12" LUG K- LOK BUTTERFLY VALVE ANSI CLASS 150 FULL LUG 12 F362-173	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR05-VTP-V-184	TANK S-102 BREATHER FILTER CONDENSATE DRAIN VALVE	TANK S-102	SWAGELOK / #SS63TS8	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR05-VTP-V-185	EXHAUST INLET ISOLATION FROM TANK S-103	TANK S-103	KEYSTONE / 8" LUG TYPE B'FLY VALVE ANSI CLASS 150 FULL LUG F362-173 W/GEAR OPERATOR	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR05-VTP-V-186	TANK S-103 ISOLATION TO PORTABLE EXHAUSTER	TANK S-103	KEYSTONE / 8" LUG TYPE B'FLY VALVE ANSI CLASS 150 FULL LUG F362-173 W/GEAR OPERATOR	NA	NA	H-2-73183	NA	GS	NA
POR05-VTP-V-187	TANKS S-103 BREATHER FILTER ISOLATION VALVE	TANK S-103	KEYSTONE / 12" LUG K- LOK BUTTERFLY VALVE ANSI CLASS 150 FULL LUG 12 F362-173	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR05-VTP-V-188	TANKS S-103 BREATHER FILTER CONDENSATE DRAIN VALVE	TANK S-103	SWAGELOK / #SS63TS8	NA	NA	H-2-73182/73183/73185	NA	GS	NA

Master Equipment List Rev 0

EIN	DESCRIPTION	LOCATION	MANUFACTURER / MODEL NUMBER	SPECIFICATION	CVI SUPPLEMENT	DRAWING	MAINTENANCE PROCEDURE	SAFETY CLASS	SPARE PARTS
POR05-VTP-V-189	EXHAUST INLET ISOLATION FROM TANK S-016	TANK S-106	KEystone / 8" LUG TYPE B'FLY VALVE ANSI CLASS 150 FULL LUG F362-173 W/GEAR OPERATOR	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR05-VTP-V-190	TANK S-106 ISOLATION TO PORTABLE EXHAUSTER	TANK S-106	KEystone / 8" LUG TYPE B'FLY VALVE ANSI CLASS 150 FULL LUG F362-173 W/GEAR OPERATOR	NA	NA	H-2-73185	NA	GS	NA
POR05-VTP-V-191	TANK S-106 BREATHER FILTER ISOLATION VALVE	TANK S-106	KEystone / 12" LUG K- LOK BUTTERFLY VALVE ANSI CLASS 150 FULL LUG 12 F362-173	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR4-VTP-V-192	TANKS S-106 BREATHER FILTER CONDENSATE DRAIN VALVE	TANK S-106	SWAGelok / #SS63TS8	NA	NA	H-2-73182/73183/73185	NA	GS	NA
POR05-VTP-V-201	GLYCOL PUMP 001 SUCTION VALVE	POR05 EXHAUST SKID	WHITEY / SS-65TF16- LLK	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 2, 18 Item # 96	NA	GS	NA
POR05-VTP-V-202	GLYCOL PUMP 001 DISCHARGE VALVE	POR05 EXHAUST SKID	WHITEY / SS-65TF16- LLK	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 2, 18 Item # 96	NA	GS	NA
POR05-VTP-V-204	GLYCOL EXPANSION TANK 001 VALVE	POR05 EXHAUST SKID	WHITEY / SS-65TF12- LLK	NA	NA	H-2-829116 SHT 1 H-14- 100867 SHT 3, 7, 16 Item # 124		GS	NA
POR05-VTP-V-301	SAMPLE FLOW CONTROL VALVE 301	POR05 EXHAUST SKID	WHITEY/SS-63ES8	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 3 Item # 20	NA	GS	NA
POR05-VTP-V-302	SAMPLE FLOW CONTROL VALVE 302	POR05 EXHAUST SKID	WHITEY/SS-63ES8	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 3 Item # 20	NA	SS	NA
POR05-VTP-V-303	SAMPLE VACUUM PUMP 301 INLET	POR05 EXHAUST SKID	NUPRO/SS-XS-SERIES	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 4 Item # 63	NA	GS	NA
POR05-VTP-V-304	SAMPLE VACUUM PUMP 301	POR05 EXHAUST SKID	WHITEY/SS-1RS8-P	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 4 Item # 62	NA	GS	NA
POR05-VTP-V-305	SAMPLE VACUUM PUMP 301 OUTLET	POR05 EXHAUST SKID	WHITEY/SS-45S8-A-P	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 4 Item # 61	NA	GS	NA
POR05-VTP-V-306	SAMPLE VACUUM PUMP 302 INLET	POR05 EXHAUST SKID	NUPRO/SS-XS-SERIES	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 4 Item # 63	NA	GS	NA
POR05-VTP-V-307	SAMPLE VACUUM PUMP 302	POR05 EXHAUST SKID	WHITEY/SS-1RS8-P	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 4 Item # 62	NA	GS	NA
POR05-VTP-V-308	SAMPLE VACUUM PUMP 302 OUTLET	POR05 EXHAUST SKID	WHITEY/SS-45S8-A-P	NA	NA	H-2-829116 SHT 5 H-14- 100916 SHT 4 Item # 61	NA	GS	NA
POR05-VTP-VFD-001	VARIABLE FREQUENCY DRIVE FOR VENT TRAIN EXHAUST FAN	POR05 EXHAUST SKID	ALLEN-BRADLEY/1305- BA06A	NA	22758 ITEM # 5	H-2-829116 SHT 5 H-14- 100870 SHT 1 Item # 42	NA	SS	YES
POR05-VTP-XA-101	EXHAUST GENERAL FAILURE (CLEAR BEACON)	POR05 EXHAUST SKID	EDWARDS/47C-N5	NA	NA	H-2-829116 SHT 1 H-14- 100869 SHT 1, 4 Item # 9	NA	GS	YES

Master Equipment List
Rev 0

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