S

MAY 01 2000 Sta 4 (S)	ENGINEERING DATA TRANSMITTAL	Page 1 of 1 1. EDT 628690
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2. To: (Receiving Organization) Distribution	3. From: (Originating Organization) CSB Subproject	4. Related EDT No.: N/A
5. Proj./Prog./Dept./Div.: SNF/CSB	6. Design Authority/ Design Agent/Cog. Engr.: S. A. Krieg	7. Purchase Order No.: N/A
8. Originator Remarks: For approval and release.		9. Equip./Component No.: N/A
11. Receiver Remarks: 11A. Design Baseline Document? ☐ Yes ☒ No		10. System/Bldg./Facility: W-379
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 Trans- mittal	Originator Dispo- sition	Receiver Dispo- sition
1	SNF-6215	N/A	0	Spent Nuclear Fuel Project Canister Storage Building Factory Acceptance Test Procedures		1, 2	1	1

16. KEY									
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 2. Release 5. Post-Review 3. Information 6. Dist. (Receipt Acknow. Required)				1. Approved 4. Reviewed no/comment 2. Approved w/comment 5. Reviewed w/comment 3. Disapproved w/comment 6. Receipt acknowledged			

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)											
(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
1	1	Design Authority	S. A. Krieg	4-19-00		1	1	Startup	R. J. Jablonski		
		Design Agent	N/A			1	1	Construction	J. H. Mortimer		
		Cog. Eng.	N/A						J. T. Koberg		
1	1	Cog. Mgr.	G. D. Bazinet	4/26/00							
		QA	N/A								
		Safety	N/A								
		Env.	N/A								

18. S. B. Harrington Signature of EDT Originator Date 4-19-00	19. N/A Authorized Representative for Receiving Organization Date	20. G. D. Bazinet Signature of Design Authority Cognizant Manager Date 4/26/00	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved N/A ☐ Approved w/comments ☐ Disapproved w/comments
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Spent Nuclear Fuel Project Canister Storage Building Factory Acceptance Test Procedures

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

Fluor Hanford
P.O. Box 1000
Richland, Washington

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G. D. Bazinet
Fluor Hanford

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Release Approval Date 5/1/00

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Spent Nuclear Fuel Project Canister Storage Building Factory Acceptance Test Procedures

	Section	Para	Submittal No	DESCRIPTION
	C-08361			RADIATION SHIELD DOORS
1	C-08361	2.3.1	0	Factory Acceptance Test Procedures (FAT) - Overly Manufacturing Company
2	C-08361	2.3.1	1	Factory Acceptance Test Procedures (FAT) - Overly Manufacturing Company
	P-13088			CANISTER/OVERPACK-STORAGE TUBE ASSEMBLIES
3	P-13088	1.6.2	0	Procedures for Fabrication, Inspection, Repair, Factory Acceptance Tests (FATs), Handling, Cleaning, Packaging - American Boa
4	P-13088	1.6.2.D	0	Factory Acceptance Test Procedure (FAT) - Pneumatic Pressure Test, No PP-015 - Oregon Iron Works
5	P-13088	1.6.2.D	0A	Factory Acceptance Test Procedure (FAT) - Pneumatic Pressure Test, No PP-015, Rev 1 - Oregon Iron Works
6	P-13088	1.6.2.D	0B	Factory Acceptance Test Procedure (FAT) - Pneumatic Pressure Test, No PP-015, Rev 2 - Oregon Iron Works
7	P-13088	1.6.2.D	0C	Factory Acceptance Test Procedure (FAT) - Pneumatic Pressure Test, No PP-015, Rev 3 - Oregon Iron Works
8	P-13088	1.6.2.D	1	Factory Acceptance Test Procedure (FAT) - First Article Test, No PP-016 - Oregon Iron Works
9	P-13088	1.6.2.D	1A	Factory Acceptance Test Procedure (FAT) - First Article Test, No PP-016, Rev 1 - Oregon Iron Works
10	P-13088	1.6.2.D	1B	Factory Acceptance Test Procedure (FAT) - First Article Test, No PP-016, Rev 2 - Oregon Iron Works
11	P-13088	1.6.2.D	1C	Factory Acceptance Test Procedure (FAT) - First Article Test, No PP-016, Rev 3 - Oregon Iron Works
12	P-13088	1.6.2.D	1D	Factory Acceptance Test Procedure (FAT) - First Article Test, No PP-016, Rev 4 - Oregon Iron Works
13	P-13088	1.6.3.B	0	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - ST-1-001, ST-1-003, ST-1-012, ST-1-024 & ST-1-088 - Oregon Iron Works (Ref P-05064/1.6.4/8 & 13088/1.6.3.A/4)
14	P-13088	1.6.3.B	1	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-04 - ST-1-002, ST-1-009, ST-1-010, ST-1-025 & Spacer Rings 1A - 9, 10, 11 & 12 - Oregon Iron Works (Ref P-05064/1.6.4/7 & 13088/1.6.3.A/3)
15	P-13088	1.6.3.B	2	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-06 - ST-1-011, ST-1-013, ST-1-022, ST-1-028 & ST-1-041 - Oregon Iron Works (Ref P-05064/1.6.4/9 & 13088/1.6.3.A/5)
16	P-13088	1.6.3.B	3	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-07 - ST-1-074, ST-1-075, ST-1-076, ST-1-084 & ST-1-107 - Oregon Iron Works (Ref P-05064/1.6.4/10 & 13088/1.6.3.A/6)
17	P-13088	1.6.3.B	4	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-10 - ST-1-056, ST-1-077, ST-1-128, ST-1-143 & ST-1-142 - Oregon Iron Works (Ref P-05064/1.6.4/11 & 13088/1.6.3.A/7)

	Section	Para	Submittal No	DESCRIPTION
18	P-13088	1.6.3.B	5	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-11 - ST-1-004, ST-1-097, ST-1-127, ST-1-139 & ST-1-144 - Oregon Iron Works (Ref P-05064/1.6.4/12 & 13088/1.6.3.A/8)
19	P-13088	1.6.3.B	6	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-17 - ST-1-048, ST-1-060, ST-1-063, ST-1-151 & ST-1-167 - Oregon Iron Works
20	P-13088	1.6.3.B	7	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-16 - ST-1-006, ST-1-053, ST-1-064, ST-1-086 & ST-1-112 - Oregon Iron Works
21	P-13088	1.6.3.B	8	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-17 - ST-1-005, ST-1-032, ST-1-061, ST-1-079 & ST-1-120 - Oregon Iron Works
22	P-13088	1.6.3.B	9	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-08 - ST-1-017, ST-1-055, ST-1-062, ST-1-071 & ST-1-083 - Oregon Iron Works (Ref P-05064/1.6.4/16 & 13088/1.6.3.A/12)
23	P-13088	1.6.3.B	10	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-09 - ST-1-018, ST-1-038, ST-1-096, ST-1-110 & ST-1-126 - Oregon Iron Works (Ref P-05064/1.6.4/17 & 13088/1.6.3.A/13)
24	P-13088	1.6.3.B	11	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-12 - ST-1-008, ST-1-057, ST-1-091, ST-1-104 & ST-1-145 - Oregon Iron Works (Ref P-05064/1.6.4/18 & 13088/1.6.3.A/14)
25	P-13088	1.6.3.B	12	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-13 - ST-1-040, ST-1-051, ST-1-069, ST-1-115 & ST-1-184 - Oregon Iron Works (Ref P-05064/1.6.4/19 & 13088/1.6.3.A/15)
26	P-13088	1.6.3.B	13	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-19 - ST-1-027, ST-1-044, ST-1-108, ST-1-117 & ST-1-173 - Oregon Iron Works (Ref P-05064/1.6.4/20 & 13088/1.6.3.A/16)
27	P-13088	1.6.3.B	14	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-21 - ST-1-118, ST-1-134, ST-1-135, ST-1-138 & ST-1-171 - Oregon Iron Works (Ref P-05064/1.6.4/21 & 13088/1.6.3.A/17)
28	P-13088	1.6.3.B	15	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-22 - ST-1-103, ST-1-121, ST-1-125, ST-1-129 & ST-1-137 - Oregon Iron Works (Ref P-05064/1.6.4/22 & 13088/1.6.3.A/18)
29	P-13088	1.6.3.B	16	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-23 - ST-1-023, ST-1-140, ST-1-141, ST-1-168 & ST-1-217 - Oregon Iron Works (Ref P-05064/1.6.4/23 & 13088/1.6.3.A/19)
30	P-13088	1.6.3.B	17	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-29 - ST-1-132, ST-1-149, ST-1-189, ST-1-212 & ST-1-219 - Oregon Iron Works (Ref P-05064/1.6.4/24 & 13088/1.6.3.A/20)
31	P-13088	1.6.3.B	18	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-30 - ST-1-124, ST-1-164, ST-1-185, ST-1-192 & ST-1-207 - Oregon Iron Works (Ref P-05064/1.6.4/25 & 13088/1.6.3.A/21)
32	P-13088	1.6.3.B	19	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-27 - ST-1-019, ST-1-131, ST-1-157, ST-1-178 & ST-1-203 - Oregon Iron Works (Ref P-05064/1.6.4/26 & 13088/1.6.3.A/22)

	Section	Para	Submittal No	DESCRIPTION
33	P-13088	1.6.3.B	20	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-31 - ST-1-130, ST-1-190, ST-1-205, ST-1-208 & ST-1-213 - Oregon Iron Works (Ref P-05064/1.6.4/27 & 13088/1.6.3.A/23)
34	P-13088	1.6.3.B	21	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-33 - ST-1-093, ST-1-133, ST-1-191, ST-1-193 & ST-1-195 - Oregon Iron Works (Ref P-05064/1.6.4/28 & 13088/1.6.3.A/24)
35	P-13088	1.6.3.B	22	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-34 - ST-1-073, ST-1-123, ST-1-158, ST-1-176 & ST-1-197 - Oregon Iron Works (Ref P-05064/1.6.4/29 & 13088/1.6.3.A/25)
36	P-13088	1.6.3.B	23	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-35 - ST-1-148, ST-1-160, ST-1-169, ST-1-211 & ST-1-214 - Oregon Iron Works (Ref P-05064/1.6.4/30 & 13088/1.6.3.A/26)
37	P-13088	1.6.3.B	24	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-36 - ST-1-114, ST-1-146, ST-1-163, ST-1-206 & ST-1-216 - Oregon Iron Works (Ref P-05064/1.6.4/31 & 13088/1.6.3.A/27)
38	P-13088	1.6.3.B	25	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-20 - ST-1-014, ST-1-020, ST-1-021, ST-1-122 & ST-1-136 - Oregon Iron Works (Ref P-05064/1.6.4/32 & 13088/1.6.3.A/28)
39	P-13088	1.6.3.B	26	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-24 - ST-1-045, ST-1-153, ST-1-165, ST-1-181 & ST-1-218 - Oregon Iron Works (Ref P-05064/1.6.4/33 & 13088/1.6.3.A/29)
40	P-13088	1.6.3.B	27	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-25 - ST-1-161, ST-1-162, ST-1-170, ST-1-172 & ST-1-183 - Oregon Iron Works (Ref P-05064/1.6.4/34 & 13088/1.6.3.A/30)
41	P-13088	1.6.3.B	28	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-26 - ST-1-031, ST-1-159, ST-1-177, ST-1-179 & ST-1-187 - Oregon Iron Works (Ref P-05064/1.6.4/35 & 13088/1.6.3.A/31)
42	P-13088	1.6.3.B	29	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-37 - ST-1-082, ST-1-175, ST-1-182, ST-1-201 & ST-1-204 - Oregon Iron Works (Ref P-05064/1.6.4/36 & 13088/1.6.3.A/32)
43	P-13088	1.6.3.B	30	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-38 - ST-1-072, ST-1-085, ST-1-100, ST-1-152 & ST-1-196 - Oregon Iron Works (Ref P-05064/1.6.4/37 & 13088/1.6.3.A/33)
44	P-13088	1.6.3.B	31	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-39 - ST-1-047, ST-1-050, ST-1-106, ST-1-166 & ST-1-220 - Oregon Iron Works (Ref P-05064/1.6.4/38 & 13088/1.6.3.A/34)
45	P-13088	1.6.3.B	32	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-40 - ST-1-054, ST-1-058, ST-1-067, ST-1-094 & ST-1-177 - Oregon Iron Works (Ref P-05064/1.6.4/39 & 13088/1.6.3.A/35)
46	P-13088	1.6.3.B	33	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-46 - ST-1-029, ST-1-066, ST-1-101 & ST-1-150 - Oregon Iron Works (Ref P-05064/1.6.4/40 & 13088/1.6.3.A/37)

	Section	Para	Submittal No	DESCRIPTION
47	P-13088	1.6.3.B	34	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-44 - ST-1-034, ST-1-042, ST-1-043, ST-1-065 & ST-1-098 - Oregon Iron Works (Ref P-05064/1.6.4/41 & 13088/1.6.3.A/38)
48	P-13088	1.6.3.B	35	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-15 - ST-1-030, ST-1-037, ST-1-046, ST-1-092 & ST-1-180 - Oregon Iron Works (Ref P-05064/1.6.4/42 & 13088/1.6.3.A/39)
49	P-13088	1.6.3.B	36	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-43 - ST-1-033, ST-1-049, ST-1-059, ST-1-068 & ST-1-090 - Oregon Iron Works (Ref P-05064/1.6.4/43 & 13088/1.6.3.A/40)
50	P-13088	1.6.3.B	37	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-45 - ST-1-039, ST-1-089, ST-1-102, ST-1-109 & ST-1-186 - Oregon Iron Works (Ref P-05064/1.6.4/44 & 13088/1.6.3.A/41)
51	P-13088	1.6.3.B	38	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-42 - ST-1-007, ST-1-016, ST-1-078, ST-1-113 & ST-1-188 - Oregon Iron Works (Ref P-05064/1.6.4/45 & 13088/1.6.3.A/42)
52	P-13088	1.6.3.B	39	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-47 - ST-1-035, ST-1-070, ST-1-086 & ST-1-199 - Oregon Iron Works (Ref P-05064/1.6.4/46 & 13088/1.6.3.A/43)
53	P-13088	1.6.3.B	40	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-32 - ST-1-154, ST-1-155, ST-1-156, ST-1-200 & ST-1-210 - Oregon Iron Works (Ref P-05064/1.6.4/47 & 13088/1.6.3.A/44)
54	P-13088	1.6.3.B	41	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-41 - ST-1-052, ST-1-099, ST-1-116, ST-1-119 & ST-1-147 - Oregon Iron Works (Ref P-05064/1.6.4/48 & 13088/1.6.3.A/45)
55	P-13088	1.6.3.B	42	Factory Acceptance Test Procedures (FAT) on Tube Sleeves - OIW Shipment 462-28 - ST-1-194, ST-1-198, ST-1-202, ST-1-209 & ST-1-215 - Oregon Iron Works (Ref P-05064/1.6.4/49 & 13088/1.6.3.A/46)
56	P-13088	1.6.3.B	43	Factory Acceptance Test Procedure (FAT) on Tube Sleeves - ST-1-036 - Oregon Iron Works (Ref P-05064/1.6.4/50 & 13088/1.6.3.A/47)
	C-13096			CANISTER/OVERPACK - FLOOR PLUG EMBEDS
57	C-13096	1.6.2.C	0	Factory Acceptance Test Procedure (FAT) - PP-009 - Oregon Iron Works
58	C-13096	1.6.2.C	0A	Factory Acceptance Test Procedure (FAT) - PP-009, Rev 1 - Oregon Iron Works
59	C-13096	1.6.2.C	0B	Factory Acceptance Test Procedure (FAT) - PP-009, Rev 2 - Oregon Iron Works
60	C-13096	1.6.3.B	0	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge - Oregon Iron Works (Ref C-13096/1.6.4.1/0)

	Section	Para	Submittal No	DESCRIPTION
61	C-13096	1.6.3.B	0A	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 7/27/96 - Reports of Stud Inspection for 1A-117 & 1A-137 - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
62	C-13096	1.6.3.B	1	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
63	C-13096	1.6.3.B	2	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 7/27/96 - Documents for Shipment 3 - (1A) Standard Embeds - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
64	C-13096	1.6.3.B	3	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 8/3/96 - Documents for Shipment 4 - (1A) Standard Embeds - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
65	C-13096	1.6.3.B	4	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 8/10/96 - Documents for Shipment 5 - (1A) Standard Embeds - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
66	C-13096	1.6.3.B	5	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 8/10/96 - Documents for Shipment 5 - (1A) Standard Embeds - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
67	C-13096	1.6.3.B	6	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 8/24/96 - Documents for Shipment 7 - (1A) Standard Embeds(16)/4A Std Embeds(16) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
68	C-13096	1.6.3.B	7	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 9/6/96 - Documents for Shipment 8 - (4A) Standard Embeds (34) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
69	C-13096	1.6.3.B	8	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge Dated 9/6/96 - Documents for Shipment 9 - (4A) Standard Embeds (20) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
70	C-13096	1.6.3.B	9	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 11 - (4A) Standard Embeds (34) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
71	C-13096	1.6.3.B	10	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 10 - (4A) Standard Embeds (24) & (2A) Overpack Embeds (6) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
72	C-13096	1.6.3.B	11	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 12 - (4A) Standard Embeds (20) (Ref C-13096/1.6.4.1/0)

	Section	Para	Submittal No	DESCRIPTION
73	C-13096	1.6.3.B	11.1	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 12 - (4A) Standard Embeds (20) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
74	C-13096	1.6.3.B	12	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 14 - Standard Embeds (34) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
75	C-13096	1.6.3.B	13	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 13 - (4A) Standard Embeds (34) & Plywood Covers (100 Pcs) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
76	C-13096	1.6.3.B	14	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 15 - (4A) Standard Embeds (34) & Wood Embed Covers (70 Pcs) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
77	C-13096	1.6.3.B	15	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 16 - (4A) Standard Embeds (27) & Overpacks (6 Pcs) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
78	C-13096	1.6.3.B	16	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 17 - (4A) Standard Floor Embeds (34 Pcs) - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
79	C-13096	1.6.3.B	17	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauge - Document for Shipment 18 - (4A) Standard Floor Embeds(34 Pcs)-Includes One Plug Cavity Prototype - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
80	C-13096	1.6.3.B	18	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Documents for Shipment 20 - (34) Standard Embeds - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
81	C-13096	1.6.3.B	19	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Document for Shipment 21 - (27) Standard Embeds/(26) Overpack Embeds/(1) Overpack Inspec Gauge - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
82	C-13096	1.6.3.B	20	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Dimensional Report of Tube Gauges - Document for Shipment 22 - (34) Standard Embeds/(1) Overpack Inspection Gauge - Oregon Iron Works (Ref C-13096/1.6.4.1/0)
	C-15010			HVAC BASIC REQUIREMENTS
83	C-15010	1.6.4	0	Factory Acceptance Tests Procedures (FAT) (Submittals were provided for each piece of HVAC equipment under each Specific Spec Section)

	Section	Para	Submittal No	DESCRIPTION
	C-15061			PIPING MATERIAL, FABRICATION, ERECTION AND PRESSURE TESTING
84	C-15061	1.6.3.A	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
	C-15138			AIR DIAPHRAGM (SUMP) PUMP
85	C-15138	1.6.4	0	Factory Acceptance Test Procedures (FAT) - Liquid Waste Collection System - Thompson Mechanical
	C-15152			INSTRUMENT/PLANT AIR COMPRESSORS
86	C-15152	1.6.3	0	Certified Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
87	C-15152	1.6.3	1	Certified Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
	C-15161			VIBRATION ISOLATION DEVICES
88	C-15161	1.6.3	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
	C-15661			AIR COOLED CONDENSING UNITS
89	C-15661	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Carrier Model 38AH034-6 CU-001 & CU-002 - Thompson Mechanical (Ref Para 2.1.3)
90	C-15661	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Carrier Model 38AH034-6 CU-001 & CU-002 - Thompson Mechanical
	C-15680			AIR-COOLED CHILLER UNIT
91	C-15680	1.6.5	0	Factory Acceptance Test Procedure (FAT) - Thompson Mechanical (The Manufacturer (G&D Chillers Inc) did not Perform a FAT. The Chiller was Provided as Specified)
	C-15763			AIR HANDLING UNITS
92	C-15763	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Carrier 39TH49 Central Station & Carrier 40RMQ008 - Thompson Mechanical (Ref Para 2.1.3)
93	C-15763	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Carrier 39TH49 Central Station & Carrier 40RMQ008 - AH-001 & AH-002 - Thompson Mechanical
	C-15771			SPLIT SYSTEM HEAT PUMP UNITS
94	C-15771	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Carrier 38AQS008 - CU-003 - Thompson Mechanical (Ref Para 2.1.2.1.9)

	Section	Para	Submittal No	DESCRIPTION
95	C-15771	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Carrier 38AQS008 - AH-003 & CU-003 - Thompson Mechanical
	C-15817			ELECTRIC DUCT HEATERS
96	C-15817	1.6.2.D	0	Factory Acceptance Test Procedures (FAT) - EH-001 & EH-002 - Thompson Mechanical
97	C-15817	1.6.4	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - EH-001 & EH-002 - Thompson Mechanical
	C-15820			MISCELLANEOUS FANS (HVAC)
98	C-15820	1.6.4	0	Factory Acceptance Test Procedures (FAT) - EF-001 & EF-002 - Thompson Mechanical
	C-15835			MCO SAMPLING STATION - WELD STATION EXHAUST UNIT
99	C-15835	1.6.3	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
100	C-15835	1.6.3	1	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
101	C-15835	1.6.6	0	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Thompson Mechanical
102	C-15835	1.6.6	1	Report Confirming the Factory Acceptance Test Procedure (FAT) was Executed and the Results - Thompson Mechanical
	C-15880			INSTRUMENT AIR DRYER SYSTEM
103	C-15880	1.6.3	0	Certified Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
104	C-15880	1.6.3	1	Certified Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
	C-15881			AIR FILTERS (HVAC)
105	C-15881	1.6.3	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
106	C-15881	1.6.3	1	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
	C-15950			AIR CONDITIONING INDICATING CONTROLLERS
107	C-15950	1.6.5	0	Factory Acceptance Test Procedures (FAT) - LP-HV-001 - Power City Electric
108	C-15950	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Rev 1 - LP-HV-001 - Power City Electric
109	C-15950	1.6.5	1	Factory Acceptance Test Procedures (FAT) - Rev 1 - PLC's PLUS - Power City Electric

	Section	Para	Submittal No	DESCRIPTION
110	C-15950	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - LP-HV-001 - Power City Electric (Ref DCN-197)
111	C-15950	1.6.6	1	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - PLC's PLUS - Power City Electric
	C-16122			15 KV CABLE
112	C-16122	1.6.2.A	0	Factory Acceptance Test Procedures (FAT) - Power City Electric
113	C-16122	1.6.2.B	0	Factory Production Test Procedures - Power City Electric
	C-16150			MOTORS - INDUCTION FOR GENERAL SERVICE
114	C-16150	1.6.7	0	Factory Acceptance Test Procedures (FATs) - Power City Electric
	C-16320			PAD MOUNTED TRANSFORMER
115	C-16320	1.6.4.1	0	Factory Acceptance Test Procedure (FAT) - Power City Electric
116	C-16320	1.6.5	0	Certified Factory Test Reports - Power City Electric
	C-16610			ELECTRICAL REQUIREMENTS FOR PACKAGED EQUIPMENT
117	C-16610	1.6.8	0	Factory Acceptance Test Procedures (FATs) - Power City Electric
	C-17100			DISTRIBUTED CONTROL SYSTEM (DCS)
118	C-17100	1.6.14	0	Factory Acceptance Test Procedure (FAT) - Power City Electric
119	C-17100	1.6.14	1	Factory Acceptance Test Procedures (FAT) - PLCs Plus/Power City Electric
	C-17601			TEMPERATURE TRANSMITTERS - ELECTONIC
120	C-17601	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (Was Not Performed on TIT-109; Transmitter was Calibrated Onsite & a CAT Results was Submitted & Approved)
121	C-17601	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (Was Not Performed on TIT-109; Transmitter was Calibrated Onsite & a CAT Results was Submitted & Approved)

	Section	Para	Submittal No	DESCRIPTION
	C-17612			RESISTANCE TEMPERATURE DETECTORS
122	C-17612	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Resistance Temperature Detectors - Complete Functional Test - Thompson Mechanical
123	C-17612	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Resistance Temperature Detectors - Complete Functional Test - Thompson Mechanical
	C-17614B			THERMOCOUPLES
124	C-17614B	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thermocouples - Complete Functional Test - Thompson Mechanical
125	C-17614B	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thermocouples - Complete Functional Test - Thompson Mechanical
	C-17617			PRESSURE TRANSMITTER - ELECTRONIC
126	C-17617	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (By Agreement with FDNW, Calibration of Instruments fulfills the Requirements for the FAT; Testing was not Available from the Manufacturer; See Attached CAT Results)
127	C-17617	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (By Agreement with FDNW, Calibration of Instruments fulfills the Requirements for the FAT; Testing was not Available from the Manufacturer; See Attached CAT Results)
	C-17617B			PRESSURE TRANSMITTERS - ELECTRONIC
128	C-17617B	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
129	C-17617B	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
	C-17621			SELF ACTUATED PRESSURE REGULATORS
130	C-17621	1.6.7	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
131	C-17621	1.6.7	1	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
132	C-17621	1.6.7	2	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
133	C-17621	1.6.8	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
134	C-17621	1.6.8	1	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - PCV-261 & PCV-256 - Thompson Mechanical

	Section	Para	Submittal No	DESCRIPTION
135	C-17621	1.6.8	2	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
	C-17626			PRESSURE GAUGES
136	C-17626	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
137	C-17626	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (Tests were not Performed by the Manufacturer - Gauges are Factory and Field Calibrated)
138	C-17626	1.6.5	0B	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (FATs were not Performed by the Manufacturer but were Factory Calibrated. Field Calibration Data Sheets were Provided Per Ref: C-17626/1.6.8/#0)
139	C-17626	1.6.6	0	Reports Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Data Available)
140	C-17626	1.6.6	0A	Reports Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (Tests were not Performed by the Manufacturer Gauges are Factory and Field Calibrated)
141	C-17626	1.6.6	0B	Reports Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (FATs were not Performed by the Manufacturer but were Factory Calibrated. Field Calibration Data Sheets were Provided Per Ref: C-17626/1.6.8/#0)
	C-17626B			PRESSURE GAUGES
142	C-17626B	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
143	C-17626B	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (Tests were not Performed by the Manufacturer - Gauges are Factory and Field Calibrated)
144	C-17626B	1.6.5	0B	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (FATs were not Performed by the Manufacturer. Gauges were Factory Calibrated. Field Calibration Data Sheets were Provided Per Ref: C-17626/1.6.8/#0)
145	C-17626B	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Data Available)
146	C-17626B	1.6.6	0A	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (Tests were not Performed by the Manufacturer - Gauges are Factory and Field Calibrated)

	Section	Para	Submittal No	DESCRIPTION
147	C-17626B	1.6.6	0B	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (FATs were not Performed by the Manufacturer. Gauges were Factory Calibrated. Field Calibration Data Sheets were Provided Per Ref: C-17626/1.6.8/#0)
	C-17630			MASS FLOWMETERS
148	C-17630	1.6.5	0	Factory Acceptance Test Procedure (FAT) - Thompson Mechanical
149	C-17630	1.6.5	1	Factory Acceptance Test Procedure (FAT) - Thompson Mechanical
150	C-17630	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
151	C-17630	1.6.6	1	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
	C-17632			ROTAMETERS
152	C-17632	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
153	C-17632	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
	C-17642			ORIFICE PLATES AND RESTRICTION ORIFICES
154	C-17642	1.6.2	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
155	C-17642	1.6.2	0A	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (Factory Acceptance Tests were not Performed on Orifice Plates & Restriction Orifices)
156	C-17642	1.6.3	0	Report Confirming Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Data Available)
157	C-17642	1.6.3	0A	Report Confirming Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (Factory Acceptance Tests were not Performed on Orifice Plates & Restriction Orifices)
	C-17656			GLOBE TYPE CONTROL VALVES
158	C-17656	1.6.6	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
159	C-17656	1.6.6	1	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
160	C-17656	1.6.7	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Globe Type Control Valve (Fisher Control Valve) - Thompson Mechanical
161	C-17656	1.6.7	1	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical

	Section	Para	Submittal No	DESCRIPTION
	C-17663			PRESSURE RELIEF VALVES
162	C-17663	1.6.6	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
163	C-17663	1.6.7	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
	C-17663B			PRESSURE RELIEF VALVES
164	C-17663B	1.6.6	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
165	C-17663B	1.6.6	0A	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (Valves Provided as Specified. No Additional Information Available)
166	C-17663B	1.6.7	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Data Available)
167	C-17663B	1.6.7	0A	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (Valves Provided as Specified. No Additional Information Available)
	C-17674			LEVEL SWITCHES
168	C-17674	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
169	C-17674	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical
	C-17682			CURRENT TO PNEUMATIC CONVERTERS
170	C-17682	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Data Available)
171	C-17682	1.6.5	0A	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (Manufacturer did not perform FATs - Instruments have been Calibrated)
172	C-17682	1.6.5	0B	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No FATs were Performed. See Attached Calibration Data Sheets)
173	C-17682	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Data Available)
174	C-17682	1.6.6	0A	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (Manufacturer did not perform FATs - Instruments have been Calibrated)
175	C-17682	1.6.6	0B	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No FATs were Performed. See Attached Calibration Data Sheets)

	Section	Para	Submittal No	DESCRIPTION
	C-17697			SMOKE DETECTORS
176	C-17697	1.6.5	0	Factory Acceptance Test Procedures (FAT) - Power City Electric
177	C-17697	1.6.5	1	Factory Acceptance Test Procedures (FAT) - Power City Electric
178	C-17697	1.6.5	1A	Factory Acceptance Test Procedures (FAT) - Power City Electric
179	C-17697	1.6.6	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Power City Electric
	C-17703			INSTRUMENT PIPING MATERIALS
180	C-17703	1.6.6	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical
	C-17703B			INSTRUMENT PIPING MATERIALS
181	C-17703B	1.6.6	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (FAT Procedures are not Performed on Instrument Tubing & SwagBlock Fittings)
	C-17864			INSTRUMENTS FURNISHED WITH MECHANICAL EQUIPMENT CAINSTER STORAGE BUILDING
182	C-17864	1.6.11	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Work was Performed on Vendor - Instruments Provided with their Equipment)
183	C-17864	1.6.12	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Work was Performed on Vendor - Instruments Provided with their Equipment)
	C-17864B			INSTRUMENTS FURNISHED WITH MECHANICAL EQUIPMENT CAINSTER STORAGE BUILDING
184	C-17864B	1.6.11	0	Factory Acceptance Test Procedures (FAT) - Thompson Mechanical (No Work was Performed on Vendor - Instruments Provided with their Equipment)
185	C-17864B	1.6.12	0	Report Confirming the Factory Acceptance Test Procedures (FAT) was Executed and the Results - Thompson Mechanical (No Work was Performed on Vendor - Instruments Provided with their Equipment)

DISTRIBUTION SHEET

To Distribution	From CSB Subproject	Page 1 of 1
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		ECN No. N/A

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