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Title/Desc:

241SY101 MULTI FUNCTIONAL INSTRUMENT TREE
ACCEPTANCE FOR BENEFICIAL USE [RISERS 17B & 17C]

OCT 02 1995

ENGINEERING DATA TRANSMITTAL

Page 1 of 1
1. EDT No 610888

2. To: (Receiving Organization) Distribution		3. From: (Originating Organization) Plant Startup and Testing		4. Related EDT No.: N/A							
5. Proj./Prog./Dept./Div.: Mitigation		6. Cog. Engr.: MF Erhart		7. Purchase Order No.: N/A							
8. Originator Remarks: This EDT transmits documentation which demonstrates completion of the Acceptance for Beneficial Use (ABU) process for the Tank 241-SY-101 Multifunctional Instrument Tree's (MIT's). Receiver approval signifies acceptance of this equipment and of the responsibility for its operation and maintenance.				9. Equip./Component No.: N/A							
				10. System/Bldg./Facility: 241-SY							
11. Receiver Remarks:				12. Major Assm. Dwg. No.:							
				13. Permit/Permit Application No.: N/A							
				14. Required Response Date:							
15. DATA TRANSMITTED											
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Designator	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition			
1	WHC-SD-WM-ABU-005		0	241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE (ABU)	N/A	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 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)			1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged						
(G)	(H)	17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)						(G)	(H)		
Reason	Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(J) Name	(K) Signature	(L) Date	(M) MSIN	Reason	Disp.
1	1	Cog.Eng. MF ERHART	<i>MF Erhart</i>	8/28/95	R1-51	Mitigation Equip. Design	CE HANSON	H5-09		3	
1	1	Cog. Mgr. RW REED	<i>RW Reed</i>	29 Aug 95	R1-51	Character. Equip. Design	RJ Blanchard	R1-17		3	
1	1	West Operations DP REBER	<i>DP Reber</i>	8/28/95	T4-08	JP Strehlow		H5-68		3	
1	1	West Systems Eng. Mgr. SH RIFAEE	<i>SH Rifaee</i>	8/28/95	T4-07	West Systems Engr. GJ Gauck		T4-07		3	
1	1	Maintenance Manager SP YOUNGERMAN	<i>SP Youngerman</i>	8/28/95							
3		Procedures RJ SHUPE			R2-82						
18.		19.		20.		21. DOE APPROVAL (if required)					
MF ERHART <i>MF Erhart</i> Signature of EDT Originator Date 8/28/95		N/A Authorized Representative Date for Receiving Organization		RW REED <i>RW Reed</i> Cognizant Manager Date 26 Sep 95		Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments					

RELEASE AUTHORIZATION

Document Number: WHC-SD-WM-ABU-005, REV 0

Document Title: 241-SY-101 Multi-Functional Instrument Tree
Acceptance for Beneficial Use (ABU)

Release Date: 10/2/95

**This document was reviewed following the
procedures described in WHC-CM-3-4 and is:**

APPROVED FOR PUBLIC RELEASE

WHC Information Release Administration Specialist:


Kara Broz


10/2/95

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SUPPORTING DOCUMENT

1. Total Pages 10

2. Title

241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE
ACCEPTANCE FOR BENEFICIAL USE (ABU)

3. Number

WHC-SD-WM-ABU-005

4. Rev No.

0

5. Key Words

SY TANK FARM, MULTI-FUNCTIONAL INSTRUMENT TREE
(MIT), ACCEPTANCE FOR BENEFICIAL USE (ABU), MIT1,
MIT2, RISER 17B, RISER 17C, MODICON, MODULE

6. Author

Name: MF ERHART

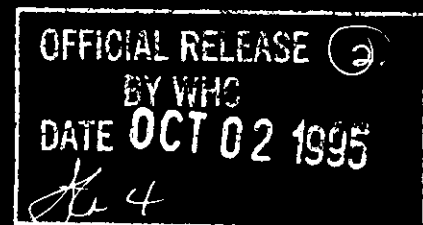
Signature

Organization/Charge Code 77640/N2442

7. Abstract

This document formally demonstrates that the ABU process for the 241-SY-101 risers 17B and 17C Multi-functional Instrument Trees (MIT's) has been properly completed in accordance with the approved ABU checklists. For each item required on the ABU checklist, a bibliography of the documentation prepared and released to satisfy the requirements is provided. Release of this documentation signifies that the tank farm Operations, Engineering, and Maintenance organizations have accepted responsibility for the MIT's in 241-SY-101 Risers 17B and 17C.

8. RELEASE STAMP



241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

This document is intended to serve two purposes: 1) it is a "road map" to be used by Waste Tank Operations Personnel of all the required turnover documentation for the 241-SY-101 Multi-functional Instrument Trees (MIT's), and 2) it is also intended to demonstrate formal completion of all requirements of the approved ABU checklist for this project.

The following tables lists each item required by the approved MIT ABU checklists and identifies the corresponding document control number. An explanation of any exceptions or open items is included in the table. A copy of the original ABU checklist and transmitting EDT is attached as a convenient reference.

It should be noted that one of the 22 type K thermocouples on MIT 17C is not giving representative reading of the waste. The MIT was installed into tank 241-SY-101 on July 8, 1993. Thermocouple #19 gave good reading until July 20, 1993 when it started to read approximately 30° F lower. It is considered a failed thermocouple.

241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

ABU INDEX - MIT17B ON TANK 241-SY-101		
Checklist Item	Document number & title	Comments
ABU Checklist	EDT file # 610863,	
Safety Assessment	Safety Assessment for Proposed Pump Operation to Mitigate Episodic Gas Releases in Tank 241-SY-101 LAUR-92-3196 REV 14 WHC-SD-WM-SARR-002 REV. 0 "Safety Basis for Activities in Double-Shell Flammable Gas Watch List Tanks"	
Safety Equipment List	WHC-SD-WM-SEL-026 REV. 1, ECN #622543	
System Design Description	WHC-SD-WM-014 Rev. 3 "Requirements for Design of a Multi-Functional Instrument Tree for Waste Tank Surveillance" DR-SST11-MIT-92-140 "Multi-Functional Instrument Tree Design Report" located in CVI file # 22222	
Acceptance Test Procedures	WHC-SD-WM-ATR-107 REV. 0 "MIT Upgrade Acceptance Test Report"	
Stress/Seismic Analysis	WHC-SD-WM-DA-112 REV. 1, "Structural Analysis of Tank 241-SY-101 MIT	
Stress/Design Report	WHC-SD-WM-DA-112 REV. 1, "Structural Analysis of Tank 241-SY-101 MIT	
Construction Specifications	WHC-S-0100 Rev. 1 "Specifications For Multi-Functional Instrument Tree"	
Final Design Drawings	H-2-85122 "Multi-Functional Instrument Tree Arrangement" H-2-85141, H-2-85142, H-2-85143, H-2-85144, & H-2-85145	

241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

ABU INDEX - MIT17B ON TANK 241-SY-101		
Checklist Item	Document number & title	Comments
Installation Drawings	H-2-85123 "Multi-Functional Instrument Tree Installation" H-2-85136 "MIT Plug Gauge Arrangement" H-2-89473 "Multi-Functional Instrument Tree Terminal Box Assemblies"	
As-built Drawings	Same as Final Design Drawings	
IEFD Drawings	H-2-37757	
Drawing Tree	H-2-85613 REV. 0	
Operating Procedures (validation)	POP # 6-TF-071 Rev. 0, Change C	
Calibration Procedures	PM/S # 6-TF-244 Rev. 0	
Functional Check Procedures	POP # 6-TF-071 Rev. 0, Change C	
CBRS (PM/S) Data Sheets	WT-2628	
Vendor Information Files	CVI # 22222, 222671-001, 222671-007	
Spare Parts List	Part # B883-200	Parts list found in 77240-95-031

241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

ABU INDEX - MIT17C ON TANK 241-SY-101		
Checklist Item	Document number & title	Comments
ABU Checklist	EDT file # 610863,	
Safety Assessment	Safety Assessment for Proposed Pump Operation to Mitigate Episodic Gas Releases in Tank 241-SY-101 LAUR-92-3196 REV 14 WHC-SD-WM-SARR-002 REV. 0 "Safety Basis for Activities in Double-Shell Flammable Gas Watch List Tanks"	
Safety Equipment List	WHC-SD-WM-SEL-026 REV. 0, ECN #622543	
System Design Description	WHC-SD-WM-014 Rev. 3 "Requirements for Design of a Multi-Functional Instrument Tree for Waste Tank Surveillance" DR-SST11-MIT-92-140 "Multi-Functional Instrument Tree Design Report" Located in CVI file # 22222	
Acceptance Test Procedures	WHC-SD-WM-ATR-061 Multifunctional Instrument Tree Test Report	
Stress/Seismic Analysis	WHC-SD-WM-DA-112 REV. 1, "Structural Analysis of Tank 241-SY-101 MIT	
Stress/Design Report	WHC-SD-WM-DA-112 REV. 1, "Structural Analysis of Tank 241-SY-101 MIT	
Construction Specifications	WHC-S-0100 Rev. 1 "Specifications For Multi-Functional Instrument Tree"	
Final Design Drawings	H-2-85122 "Multi-Functional Instrument Tree Arrangement" H-2-85141, H-2-85142, H-2-85143, H-2-85144, & H-2-85145	

241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

ABU INDEX - MIT17C ON TANK 241-SY-101		
Checklist Item	Document number & title	Comments
Installation Drawings	H-2-85123 "Multi-Functional Instrument Tree Installation" H-2-85136 "MIT Plug Gauge Arrangement" H-2-89473 "Multi-Functional Instrument Tree Terminal Box Assemblies"	
As-built Drawings	Same as Final Design Drawings	
IEFD Drawings	H-2-37757	
Drawing Tree	H-2-85613 REV. 0	
Operating Procedures (validation)	POP # 6-TF-071 Rev. 0, Change C	
Calibration Procedures	PM/S # 6-TF-244 Rev. 0	
Functional Check Procedures	POP # 6-TF-071 Rev. 0, Change C	
CBRS (PM/S) Data Sheets	WT-3629	
Vender Information Files	CVI # 22222, 222671-000-001	
Spare Parts List	Part # B883-200	Parts List found in 77240-95-031
As Built Drawings for Pressure Transducer	H-2-37757 SHT. 1 REV. 13 "ENGINEERING FLOW DIAGRAM" ECN #623282 H-2-37763 SHT. 1 REV. 1 "INSTRUMENT TRANSMITTER ENCLOSURE"	

241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

JUN 05 1995

ENGINEERING DATA TRANSMITTAL

Page 1 of 7
1. EDT NO 610863

2. To: (Receiving Organization) Distribution		3. From: (Originating Organization) Plant Start-Up and Testing		4. Related EDT No.: N/A							
5. Proj./Prog./Dept./Div.: Mitigation		6. Cog. Engr.: MF Erhart		7. Purchase Order No.: N/A							
8. Originator Remarks: <i>EDT FULL (GRS 23.5A)</i> This EDT transmits the Acceptance for Beneficial Use (ABU) checklists for the SY tank farm Multifunctional Instrument Tree's (MIT's). The ABU checklists identify all items necessary to turn these three MIT's over to Operations, Maintenance, and Plant Engineering. Receiver approval signifies agreement that the ABU checklist identifies all the required items and documents for equipment turnover.				9. Equip./Component No.: N/A							
				10. System/Bldg./Facility: 241-SY							
11. Receiver Remarks:				12. Major Assm. Dwg. No.:							
				13. Permit/Permit Application No.: N/A							
				14. Required Response Date: May 12, 1995							
15. DATA TRANSMITTED											
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Designator	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition			
1	MIT17B and Validation on Tank 241-SY-101 ABU checklist	1	0	MIT17B and Validation on Tank 241-SY-101 ABU checklist	N/A	1	1				
2	MIT17C and Validation on Tank 241-SY-101 ABU checklist	1	0	MIT17C and Validation on Tank 241-SY-101 ABU checklist	N/A	1	1				
3	MIT17B and Validation on Tank 241-SY-103 ABU checklist	1	0	MIT17B and Validation on Tank 241-SY-103 ABU Checklist	N/A	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 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)		1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged							
17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)											
Reason	Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(J) Name	(K) Signature	(L) Date	(M) MSIN	Reason	Disp.
1	1	Cog. Eng. MF ERHART	<i>MF Erhart</i>	5/9/95	21-51	Mitigation Equip. Design CE HANSON	<i>CE Hanson</i>	05-09		3	
1	1	Cog. Mgr. RW REED	<i>RW Reed</i>	5/19/95	21-51	Characterization Equip. Design RJ Blanchard	<i>RJ Blanchard</i>	05-17		3	
1	1	West Operations DP REBER	<i>DP Reber</i>	5/19/95	14-08	JP Strehlow	<i>JP Strehlow</i>	05-68		3	
1	1	West Systems Eng. Mgr. SH RIFAEE	<i>SH Rifaee</i>	5/19/95	14-07	West Systems Engr. GJ Gauck	<i>GJ Gauck</i>	14-07		3	
1	1	Maintenance Manager SP YOUNGERMAN	<i>SP Youngerman</i>	5/19/95	14-01	SY Cog. WG BROWN	<i>WG Brown</i>			3	
3		Procedures RJ SHUPE	<i>RJ Shupe</i>	5/19/95	22-82						
18. MF ERHART <i>MF Erhart</i> Signature of EDT Originator		19. N/A Authorized Representative Date for Receiving Organization		20. RW REED <i>RW Reed</i> Cognizant Manager Date		21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments					

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241-SY-101 MULTI-FUNCTIONAL INSTRUMENT TREE ACCEPTANCE FOR BENEFICIAL USE

Program/Project Title: MIT17B AND VALIDATION ASSEMBLY ON TANK 241-SY-101 EDT # 610963, ITEM 1, PAGE 2 OF 4
ETN: N/A

DOCUMENTATION REQUIRED for ACCEPTANCE FOR BENEFICIAL USE

DESCRIPTION	RESPONSIBILITY	DESCRIPTION	RESPONSIBILITY
ENGINEERING		ENGINEERING cont'd	
• Engineering Task Plan (ETP) []		• Incorporate outstanding project generated ECNs []	
• Activity Schedule []		• Software Configuration Management Plan []	
• Final Safety Analysis Report (FSAR) []		• System Requirements Specs. []	
• Interim Safety Basis - update []		• Software Design Description []	
• Safety Assessment (SA) [X]	LANL	• Validation & Verification Records []	
• Safety Equipment List (SEL) [X]	CE HANSON		
• Operational Safety Requirements (OSR) - or update existing []		TRAINING	
• Operational Safety Document(s) (OSD) - or update existing []		• Training Plan []	
• Functional Design Criteria (FDC) []		• Training Manuals []	
• Conceptual Design Report (CDR) []		• Training to Operating Crews []	
• Supplemental Design Requirements Document (SDRD) []		• Training to Maintenance Crews []	
• System Design Description (SDD) [X]	GW WILSON	• Training Mock-Up []	
• Test Plan/Specifications []		OPERATIONS/ MAINTENANCE	
• Acceptance Test Procedures (ATPs) and Final Test Report [X]	GW WILSON	• Operating and Maintenance Manuals []	
• Operational Test Procedures (OTPs) and Final Test Report []		• Operating Procedures (VP) [X]	RJ SHUPE
• Environmental Impact Statement []		• Surveillance Procedures []	
• Environmental Report []		• Calibration Procedures [X]	GW GAUCK
• Environmental Permit []		• Preventative Maintenance Procedures []	
• Hazardous Waste Disposal Plan/Procedures []		• Repair/Maintenance Procedures []	
• Solid Waste Disposal Plan/Procedures []		• Functional Check Procedures [X]	GW GAUCK
• Stress/Seismic Analysis [X]	JP STREKLOW	• CBRS (PM/S) Data Sheets [X]	GW GAUCK
• Stress/Design Report [X]	JP STREKLOW		
• Design Specifications/Report []		QUALITY ASSURANCE	
• Equipment Specifications []		• Inspection Plan []	
• Procurement Specifications []		• QAPP []	
• Construction Specifications [X]	LANL	• QAP _J P []	
• Essential Material Specifications []		PROCUREMENT ACTIVITIES	
• Final Design Drawing(s) [X]	GW WILSON	• Vendor Information Files [X]	GW WILSON
• Installation Drawing(s) [X]	GW WILSON	• Comprehensive Equip. List []	
• Installation Work Plan []		• Spare Parts List [X]	GW WILSON
• As-built Drawing(s) [X]	GW WILSON	• Spare Parts in Stock []	
• Interface Control Drawing(s) []			
• IEFD Drawing(s) [X]	GW WILSON		
• Systems Drawing(s) []			
• Drawing Tree [X]	GW WILSON		

VP = VALIDATION PROBE

DOCUMENT NO.

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Program/Project Title: MIT17C AND VALIDATION ASSEMBLY ON TANK 241-SY-101 ETN: N/A

DOCUMENTATION REQUIRED for ACCEPTANCE FOR BENEFICIAL USE

DESCRIPTION	RESPONSIBILITY	DESCRIPTION	RESPONSIBILITY
ENGINEERING		ENGINEERING cont'd	
• Engineering Task Plan (ETP)	[]	• Incorporate outstanding project generated ECNs	[]
• Activity Schedule	[]	• Software Configuration Management Plan	[]
• Final Safety Analysis Report (FSAR)	[]	• System Requirements Specs.	[]
• Interim Safety Basis - update	[]	• Software Design Description	[]
• Safety Assessment (SA)	DX	• Validation & Verification Records	[]
• Safety Equipment List (SEL)	DX		
• Operational Safety Requirements (OSR) - or update existing	[]	TRAINING	
• Operational Safety Document(s) (OSD) - or update existing	[]	• Training Plan	[]
• Functional Design Criteria (FDC)	[]	• Training Manuals	[]
• Conceptual Design Report (CDR)	[]	• Training to Operating Crews	[]
• Supplemental Design Requirements Document (SDRD)	[]	• Training to Maintenance Crews	[]
• System Design Description (SDD)	DX	• Training Mock-Up	[]
• Test Plan/Specifications	[]		
• Acceptance Test Procedures (ATPs) and Final Test Report	DX	OPERATIONS/ MAINTENANCE	
• Operational Test Procedures (OTPs) and Final Test Report	[]	• Operating and Maintenance Manuals	[]
• Environmental Impact Statement	[]	• Operating Procedures (VP)	DX
• Environmental Report	[]	• Surveillance Procedures	[]
• Environmental Permit	[]	• Calibration Procedures	DX
• Hazardous Waste Disposal Plan/Procedures	[]	• Preventative Maintenance Procedures	[]
• Solid Waste Disposal Plan/Procedures	[]	• Repair/Maintenance Procedures	[]
• Stress/Seismic Analysis	DX	• Functional Check Procedures	DX
• Stress/Design Report	DX	• CBRS (PM/S) Data Sheets	DX
• Design Specifications/Report	[]		
• Equipment Specifications	[]	QUALITY ASSURANCE	
• Procurement Specifications	[]	• Inspection Plan	[]
• Construction Specifications	DX	• QAPP	[]
• Essential Material Specifications	[]	• QAP _P	[]
• Final Design Drawing(s)	DX		
• Installation Drawing(s)	DX	PROCUREMENT ACTIVITIES	
• Installation Work Plan	[]	• Vendor Information Files	DX
• As-built Drawing(s)	DX	• Comprehensive Equip. List	[]
• Interface Control Drawing(s)	[]	• Spare Parts List	DX
• IEPD Drawing(s)	DX	• Spare Parts in Stock	[]
• Systems Drawing(s)	[]		
• Drawing Tree	DX	• As Built Drawings for Pressure	DX
		• _____	[]
		• _____	[]
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DOCUMENT NO.

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Program/Project Title: MIT17B AND VALIDATION ASSEMBLY ON TANK 241-SY-103 ETN: N/A

DOCUMENTATION REQUIRED for ACCEPTANCE FOR BENEFICIAL USE

DESCRIPTION	RESPONSIBILITY	DESCRIPTION	RESPONSIBILITY
ENGINEERING		ENGINEERING cont'd	
• Engineering Task Plan (ETP)	[]	• Incorporate outstanding project generated ECNs	[]
• Activity Schedule	[]	• Software Configuration Management Plan	[]
• Final Safety Analysis Report (FSAR)	[]	• System Requirements Specs.	[]
• Interim Safety Basis - update	[]	• Software Design Description	[]
• Safety Assessment (SA)	[X] RL SCHLOSSER	• Validation & Verification Records	[]
• Safety Equipment List (SEL)	[X] CE HANSON		
• Operational Safety Requirements (OSR) - or update existing	[]	TRAINING	
• Operational Safety Document(s) (OSD) - or update existing	[]	• Training Plan	[]
• Functional Design Criteria (FDC)	[]	• Training Manuals	[]
• Conceptual Design Report (CDR)	[]	• Training to Operating Crews	[]
• Supplemental Design Requirements Document (SDRD)	[]	• Training to Maintenance Crews	[]
• System Design Description (SDD)	[X] GW WILSON	• Training Mock-Up	[]
• Test Plan/Specifications	[]	OPERATIONS/ MAINTENANCE	
• Acceptance Test Procedures (ATPs) and Final Test Report	[X] GW WILSON	• Operating and Maintenance Manuals	[]
• Operational Test Procedures (OTPs) and Final Test Report	[]	• Operating Procedures (VP)	[X] RJ SHUPE
• Environmental Impact Statement	[]	• Surveillance Procedures	[]
• Environmental Report	[]	• Calibration Procedures	[X] GJ GAUCK
• Environmental Permit	[]	• Preventative Maintenance Procedures	[]
• Hazardous Waste Disposal Plan/Procedures	[]	• Repair/Maintenance Procedures	[]
• Solid Waste Disposal Plan/Procedures	[]	• Functional Check Procedures	[X] GJ GAUCK
• Stress/Seismic Analysis	[X] JP STREHLOW	• CBRS (PM/S) Data Sheets	[X] GJ GAUCK
• Stress/Design Report	[X] JP STREHLOW	QUALITY ASSURANCE	
• Design Specifications/Report	[]	• Inspection Plan	[]
• Equipment Specifications	[]	• QAPP	[]
• Procurement Specifications	[]	• QAP _P	[]
• Construction Specifications	[X] LAWL	PROCUREMENT ACTIVITIES	
• Essential Material Specifications	[]	• Vendor Information Files	[X] GW WILSON
• Final Design Drawing(s)	[X] GW WILSON	• Comprehensive Equip. List	[]
• Installation Drawing(s)	[X] GW WILSON	• Spare Parts List	[X] GW WILSON
• Installation Work Plan	[]	• Spare Parts in Stock	[]
• As-built Drawing(s)	[X] GW WILSON	• _____	[]
• Interface Control Drawing(s)	[]	• _____	[]
• IEFD Drawing(s)	[X] GW WILSON	• _____	[]
• Systems Drawing(s)	[]		
• Drawing Tree	[X] GW WILSON		

VP = VALIDATION PROBE

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