



## Assessment and Repair - External Corrosion Direct Assessment (ECDA)

**12. ECDA Post-Assessment (detail)** *From the review of the results of selected integrity assessments, were requirements met for post assessment?* (AR.EC.ECDAPOSTASSESS.R) (detail)

192.925(b)(4) (NACE SP-0502-2002 Section 6.2)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Reviewed within Appendix F; Integrity Management (IM) Manual.

## Assessment and Repair - Internal Corrosion Direct Assessment

**10. Post-Assessment Evaluation and Monitoring (detail)** *From the review of the results of selected integrity assessments, did the operator assess the effectiveness of the ICDA process?* (AR.IC.ICDAPOSTASSESS.R) (detail)

192.927(c)(4)(i) (192.927(c)(4)(ii))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Reviewed within Appendix F; IM Manual.

## Assessment and Repair - In-Line Inspection (Smart Pigs)

**8. Validation of ILI Results (detail)** *From a review of field staff, do the employees and vendors validate ILI assessment results per their procedures?* (AR.IL.ILIVALIDATE.O) (detail)

192.921(a)(1) (B31.8S Section 6.2.6)

Sat+	Sat	Concern	Unsat	NA	NC
				X	

**Notes**

This pipeline was not ILI inspected.

**12. ILI Acceptance Criteria (detail)** *Do records indicate adequate implementation of the process for ILI survey acceptance?* (AR.IL.ILIIACCEPCRITERIA.R) (detail)

192.921(a) (B31.8S Section 6.2.5)

Sat+	Sat	Concern	Unsat	NA	NC
				X	

**Notes**

This pipeline was not ILI inspected.

**15. Compliance with ILI Procedures (detail)** *Are O&M and IMP procedural requirements for the performance of ILI followed?* (AR.IL.ILIIIMPLEMENT.O) (detail)

192.620(d)

Sat+	Sat	Concern	Unsat	NA	NC
				X	

**Notes**

This pipeline was not ILI inspected.

## Assessment and Repair - Other Technology

**4. Other Technology (detail)** From the review of the results of selected integrity assessments, was the assessment performed in accordance with the process and vendor recommendations? (AR.OT.OTPLAN.R) (detail)

192.921(a)(4)	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
					<b>X</b>	

**Notes**  
No other Technology was used.

## Assessment and Repair - Integrity Assessment Via Pressure Test

**2. Pressure Test Results (detail)** From the review of the results of pressure tests, do the test records validate the pressure test? (AR.PTI.PRESSTESTRESULT.R) (detail)

192.517(a) (192.505(a); 192.505(b); 192.505(c); 192.505(d); 192.505(e); 192.507(a); 192.507(b); 192.507(c); 192.617; 192.919(e); 192.921(a)(2); B31.8S Section 6.3.4)	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Reviewed within Appendix F; IM Manual.

## Assessment and Repair - Repair Criteria

**9. Field Inspection - Remedial Actions (IM) (detail)** Is anomaly remediation and documentation of remediation adequate for all covered segments? (AR.RC.REMEDIATION.O) (detail)

192.933(c) (192.933(a); 192.933(d))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Reviewed documentation. Covered segment encompasses 100% of the jurisdictional pipeline.

## Assessment and Repair - Repair Methods and Practices

**2. Safety While Making Repair (detail)** Are repairs made in a safe manner and to prevent damage to persons and property? (AR.RMP.SAFETY.O) (detail)

192.605(b)(9) (192.713(b))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed Accidental Ignition, and Pressure Reductions specifics in the Operations and Maintenance Manual (O&M).

**5. Prevention of Accidental Ignition (detail)** Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition. (AR.RMP.IGNITION.O) (detail)

192.751(a) (192.751(b); 192.751(c))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Section 6.1 of the O&M manual.

**17. Inspection of Welds (detail)** *Were welds inspected and examined in accordance with §192.241 and §192.243?*  
(AR.RMP.WELDINSPECT.O) (detail)

192.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b);  
192.243(c); 192.243(d); 192.243(e); 192.243(f))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Yes. Reviewed specifics in Section 11.5 of the O&M manual.

**25. Transmission Lines Testing of Repairs (detail)** *Does the operator properly test replacement pipe and repairs made by welding on transmission lines?* (AR.RMP.WELDTTEST.O) (detail)

192.719(a) (192.719(b))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Yes. Reviewed specifics in Section 10.6 of the O&M manual.

## Assessment and Repair - Stress Corrosion Cracking

**4. Assessment Method (High pH SCC) (detail)** *From the review of the results of selected integrity assessments, did the operator perform an assessment using one of the methods specified in B31.8S Appendix A3?* (AR.SCC.SCCDAMETHOD.R) (detail)

192.929(b)(2) (B31.8S Appendix A3)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Reviewed specifics in IM Plan Appendix C. Weyerhaeuser noted that ASME B31.8S Appendix A3.3(e) exempts FBE pipelines from SCC analysis.

## Design and Construction - Construction Welding Procedures

**3. Welding Procedures (detail)** *Are weld procedures being qualified in accordance with §192.225?*  
(DC.WELDPROCEDURE.WELD.O) (detail)

192.225(a) (192.225(b))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Yes. Reviewed specifics in Section 11.5.2 of the O&M manual.

**6. Welding Weather (detail)** *Are welding operations are protected from certain weather conditions?*  
(DC.WELDPROCEDURE.WELDWEATHER.O) (detail)

192.231

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Yes. Reviewed specifics in Section 11.5.5(a)(iv) of the O&M manual.

**11. Preparation for Welding (detail)** *Are welding preparations made in accordance with §192.235?*  
(DC.WELDPROCEDURE.WELDPREP.O) (detail)

192.235

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.5.5(a)(v) of the O&M manual for general requirements and Appendix G for welding procedures.

## Design and Construction - Construction Weld Inspection

**3. Inspection and Test of Welds (detail)** *Are individuals who perform visual inspection of welding qualified?*  
(DC.WELDINSP.WELDVISUALQUAL.O) (detail)

192.241(a) (192.241(b); 192.241(c); 192.807(b))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.5.5(b) & (c) & (d) of the O&M manual.

**6. Nondestructive Test and Interpretation Procedures (detail)** *Are NDT procedures adequate?*  
(DC.WELDINSP.WELDNDT.O) (detail)

192.243(a) (192.243(b)(1); 192.243(b)(2); 192.243(c); 192.243(a))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.5.5(b) of the O&M manual. Weyerhaeuser does not have specific procedures other than API 1104 acceptance. Third party inspectors are used.

**9. Repair or Removal of Weld Defects (detail)** *Are unacceptable welds removed and/or repaired?*  
(DC.WELDINSP.WELDREPAIR.O) (detail)

192.245(a) (192.245(b); 192.245(c))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.5.6 of the O&M manual.

## Design and Construction - Construction

**18. Inspection of Materials (detail)** *Are pipe lengths and other pipeline components visually inspected to ensure they are not damaged?* (DC.CO.INSPECTVISUAL.O) (detail)

192.307

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.4.2 of the O&M manual.

**21. Repair of Steel Pipe (detail)** Are repairs to steel pipe made in accordance with §192.309? (DC.CO.REPAIR.O) (detail)

192.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Section 10.3 for criteria and 10.4 for repair, in the O&M manual.

**34. Installation of Pipe in a Ditch (detail)** When pipe is placed in the ditch, is it installed so as to fit the ditch, minimize stresses, and protect the pipe coating from damage? (DC.CO.INSTALL.O) (detail)

192.319(a) (192.319(b))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Section 11.4.4 of the O&M manual.

## Design and Construction - Pressure Testing

**3. General - Testing Requirements (detail)** Is pressure testing conducted in accordance with §192.503? (DC.PT.PRESSTEST.O) (detail)

192.503(a) (192.503(b); 192.503(c); 192.503(d))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Section 11.5.7 of the O&M manual.

**6. Strength Test Requirements for SMYS > 30%. (detail)** Is pressure testing conducted in accordance with §192.505? (DC.PT.PRESSTESTHIGHSTRESS.O) (detail)

192.505(a) (192.505(b); 192.505(c); 192.505(d); 192.505(e))	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Section 11.5.7 of the O&M manual.

## Design and Construction - Training and Qualification

**4. Skills and Knowledge of Personnel Performing Covered Tasks - Contractor employees (detail)** Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge? (DC.TQ.OQCONTRACTOR.O) (detail)

192.805(b) (Operators OQ program manual)	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Sections 3.2.1(c); 3.3.3 and 5.8.7 of the O&M manual.

**6. Skills and Knowledge of Personnel Performing Covered Tasks - Operator Employee (detail)** Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge? (DC.TQ.OQPLANEMPLOYEE.O) (detail)

192.805(b) (Operators OQ program manual)	<b>Sat+</b>	<b>Sat</b>	<b>Concern</b>	<b>Unsat</b>	<b>NA</b>	<b>NC</b>
		<b>X</b>				

**Notes**  
Yes. Reviewed specifics in Sections 3.2.1; 3.3.2 and 5.8 of the O&M manual.

**8. Qualification of Personnel who Oversee and Perform Excavations and Backfilling Operations (detail)** Do selected individuals who oversee marking, trenching and backfilling operations demonstrate adequate skills and knowledge? (DC.TQ.EXCAVATE.O) (detail)

192.805(b) (ADB-06-01)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, when Weyerhaeuser selects a contractor to perform this activity, OQ is part of the selection process.

**10. Qualification of Personnel Performing Hot Taps (detail)** Do personnel performing hot taps demonstrate adequate skills and knowledge? (DC.TQ.HOTTAP.O) (detail)

192.805(b) (192.627)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, when Weyerhaeuser selects a contractor to perform this activity, OQ is part of the selection process.

## Integrity Management - High Consequence Areas

**8. IM High Consequence Areas - Identification Method 1 (Class Locations) (detail)** Do records indicate adequate application of the §192.903 High Consequence Area definition (1) for the identification of HCAs? (IM.HC.HCAMETHOD1.R) (detail)

192.903 (1)(i) (192.903(1)(ii); 192.903(1)(iii); 192.903(1)(iv))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed process in Section 2 of IM manual.

**10. IM High Consequence Areas - Identification Method 2 (Potential Impact Radius) (detail)** Do records indicate adequate application of §192.903 High Consequence Area definition (2) for identification of HCAs? (IM.HC.HCAMETHOD2.R) (detail)

192.903(2)(i) (192.903(2)(ii))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed process in Section 2 of IM manual.

**13. IM High Consequence Areas (detail)** Are HCAs correctly identified per up-to-date information? (IM.HC.HCADATA.O) (detail)

192.905(c)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, Reviewed process in Sections 2.2(c) & (d) of IM manual. Changes in building use or quantity are identified during each ROW inspection and documented. At this time 100% of the jurisdictional pipeline is considered an HCA

## Integrity Management - Preventive and Mitigative Measures

**3. P&M Measures - Third Party Damage (detail)** Does the preventive and mitigative process include requirements that threats due to third party damage be addressed? (Note: A subset of these enhancements are required for pipelines operating below 30% SMYS - See IM.PM.PMMTPDSMYS.P) (IM.PM.PMMTPD.P) (detail)

192.917(e)(1) (192.935(b)(1); 192.935(e))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

No, it is not included in the IM plan. It is a part of damage prevention in the O&M manual. Weyerhaeuser is an active participant in the local DP effort .

**12. P&M Measures - Automatic Shut-Off Valves or Remote Control Valves (detail)** Has an adequate determination been made to determine if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas? (IM.PM.PMMASORCV.R) (detail)

192.935(c)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, Reviewed Appendix I of IM manual. Weyerhaeuser has performed the preliminary engineering to install a Bettis Flowguard at the gate station, but has not done so at the present time.

**13. P&M Measures - Implementation (detail)** Have identified P&MMs to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA been implemented? (IM.PM.PMMIMPLEMENT.O) (detail)

192.935(a)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, Reviewed Appendix I of IM manual. Weyerhaeuser has performed the preliminary engineering to install a Bettis Flowguard at the gate station, but has not done so at the present time.

## Public Awareness and Damage Prevention - ROW Markers, Patrols, Leakage Survey and Monitoring

**4. Placement of ROW Markers (detail)** Are line markers placed and maintained as required? (PD.RW.ROWMARKER.O) (detail)

192.707(a) (CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, Reviewed Section 5.5 of the O&M manual. Signs are inspected regularly as replaced or repaired as needed.

**5. Placement of ROW Markers (detail)** Are line markers placed and maintained as required for above ground pipelines? (PD.RW.ROWMARKERABOVE.O) (detail)

192.707(c) (CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, Reviewed Section 5.5 of the O&M manual. Signs are inspected regularly, and replaced or repaired as needed.

**6. ROW Conditions (detail)** *Are the ROW conditions acceptable for the type of patrolling used?*  
(PD.RW.ROWCONDITION.O) (detail)

192.705(a) (192.705(c))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes, 100% of the Pipeline gets driven on a regular basis.

## Time-Dependent Threats - External Corrosion - Coatings

**12. Exposed Pipe Coating (detail)** *Is exposed buried pipe coating inspected to determine if it is deteriorating?*  
(TD.COAT.EXPOSEINSPECT.O) (detail)

192.459

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 4.2 of the O&M manual.

## Training and Qualification - Qualification of Personnel - Specific Requirements (O and M Construction)

**6. Qualification of Welders (detail)** *Do welders demonstrate adequate skills and knowledge?*  
(TQ.QUOMCONST.WELDER.O) (detail)

192.227(a) (192.227(b); 192.229(a); 192.229(b); 192.229(c);  
192.229(d); 192.805(h); 192.807(a); 192.328(a); 192.328(b))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.5.3 of the O&M manual.

**9. Qualification of Nondestructive Testing Personnel (detail)** *Do nondestructive testing personnel demonstrate adequate skills and knowledge?* (TQ.QUOMCONST.NDT.O) (detail)

192.243(b)(2) (192.807(a); 192.328(a); 192.328(b))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 11.5.5(b) of the O&M manual.

## Training and Qualification - Qualification of Personnel - Specific Requirements

**5. Qualification of Personnel Tapping Pipelines under Pressure (detail)** *Do personnel performing hot taps demonstrate adequate skills and knowledge?* (TQ.QU.HOTTAPQUAL.O) (detail)

192.627 (192.805(h))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Yes. Reviewed specifics in Section 6.6 of the O&M manual.

**8. Qualification of Personnel who Oversee and Perform Excavations and Backfilling Operations (detail)** Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge? (TQ.QU.EXCAVATE.O) (detail)

192.805(b) (192.805(h); ADB-06-01; 192.801(a); 192.328(a); 192.328(c))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Yes. Reviewed specifics in Section 5.7 of the O&M manual.

## Training and Qualification - Training of Personnel

**3. Emergency Response Training (detail)** Do emergency response personnel demonstrate adequate skills and knowledge? (TQ.TR.TRAINING.O) (detail)

192.615(b)(2) (192.805(b))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Yes, CCI meets with Weyerhaeuser first responders on a yearly basis.

## Training and Qualification - OQ Protocol 9

**1. Covered Task Performance (detail)** Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures. (TQ.PROT9.TASKPERFORMANCE.O) (detail)

192.801(a) (192.809(a))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Verified CT's and requirements during field portion of the inspection

**2. Qualification Status (detail)** Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks. (TQ.PROT9.QUALIFICATIONSTATUS.O) (detail)

192.801(a) (192.809(a))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Verified CT's and requirements during field portion of the inspection

**3. Abnormal Operating Condition Recognition and Reaction (detail)** Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed. (TQ.PROT9.AOCRECOG.O) (detail)

192.801(a) (192.809(a))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**  
Verified CT's and requirements during field portion of the inspection

PHMSA Form 16 Question Set (IA Equivalent)  
GAS TRANSMISSION INTEGRITY MANAGEMENT IMPLEMENTATION INSPECTION

**4. Verification of Qualification (detail)** *Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance. (TQ.PROT9.VERIFYQUAL.O) (detail)*

192.801(a) (192.809(a))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Verified CT's and requirements during field portion of the inspection

**5. Program Inspection Deficiencies (detail)** *Have potential issues identified by the headquarters inspection process been corrected at the operational level? (TQ.PROT9.CORRECTION.O) (detail)*

192.801(a) (192.809(a))

Sat+	Sat	Concern	Unsat	NA	NC
	X				

**Notes**

Verified CT's and requirements during field portion of the inspection

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