

SUMMARY AND ASSESSMENT OF EOC - RE-INSPECTION PERFORMED ON GIRTH WELDS

In accordance with the approved PG&E Inspection Test Plan (ITP), on November 13 & 15, 2013 a reinspection utilizing radiographic examination was performed on five (5) girth welds on the WV-132-13 project in Milpitas, CA. Once each of the welds were re-radiographed they were "fingerprinted" (weld features compared against original images to verify that the original radiographic film images of the weld matched the images of the re-inspected girth weld.

The following weld numbers were re-inspected:

Original Weld Id Number	Reinspection Weld Id Number			
W-31	W-31-RI			
W-32	W-32-RI			
W-33	W-33-RI			
TI-9	TI-9-RI			
TI-10	TI-10-RI			

The following were the results of these-inspections:

<u>Weld Number</u> :	W-31-RI	Comments: Weld matched fingerprint and weld was determined to be
		acceptable to API 1104, 20 th edition.
Weld Number:	W-32-RI	<u>Comments</u> : Weld matched fingerprint and weld was determined to be
		acceptable to API 1104, 20 th edition.
<u>Weld Number</u> :	W-33-RI	Comments: Weld matched fingerprint and weld was determined to be
		acceptable to API 1104, 20 th edition.
<u>Weld Number</u> :	TI-9-RI	Comments: Weld did not match fingerprint. However, after performing
		further investigation it was ultimately determined that this weld was
		originally identified as weld number W-34 which was acceptable as
		originally radiographed. Its fingerprint was matched and the weld was

determined to be acceptable to API 1104, 20th edition. On November 15th the next weld down from weld number W-34 was re-radiographed and this weld matched the fingerprint for the original weld number identified as TI-9 and the weld was determined to be acceptable to API 1104, 20th edition.

<u>Weld Number</u>: TI-10-RI <u>Comments</u>: Weld matched fingerprint and weld was determined to be acceptable to API 1104, 20th edition.

Upon a detailed review of the pipeline alignment sheets, PG&E was able to determine that the original weld number TI-9 was actually one weld joint east of the location for weld number W-34. On November 15, 2013 the field site was further excavated to locate the actual location for weld number TI-9 and the weld was re-radiographed, the fingerprint matched that of the original film images for TI-9, was evaluated and determined to be acceptable to API 1104, 20th edition.

Copies of WIX's Radiographic Testing Inspection reports indicating the results of their evaluation of welds examined are attached.

This summary completes the evaluation and documentation of the re-inspections performed on the five (5) identified girth welds on the WV-132-13 project in Milpitas, CA.

Respectfully submitted,

Redacted

President ASNT/ACCP Professional Level III – 2820



Western Industrial X-Ray, Inc. P.O. Box 238 Fairfield, CA (707) 425-4673

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Item Descript	tion	20" GIRTH	WELD	Ş.	
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Nondestructive Inspection Report

Piece or joint #s	Weld	Film.	A	R Defect		Comments	Work Summary
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20"X.375/.500	W-33-RI	3	\checkmark			PROCESSING MARKS	Standby Hours
				· · · ·		@24",29"	<u>II</u> Total Hours <u>NO</u> Per Diem# Persons
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							<u>FilmType</u>
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					-ESI	ESI@14-14.5*	RT Procedure No. <u>RT-7</u> Shooting Sketch (RSSS) <u>D</u>
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Defect Code BT Burn Through ICP Inadequate Cross Penetration C Crack IF - Incomplete Penetration CV Root Concavity IP Incomplete Penetration CX Root Concavity PD Inadequate Penetration Due to Hig DT Dept Hitpugs Ox Oxidation	P Porosity SL Slag Lines SI Slag inclusions I Low UC Undercut TI Tungsten Inclusion		
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Date 11/13/2013

Customer's Signature Report Form WIX-101



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