

<h1>TVA</h1>	<h2>WALL THICKNESS PROFILE SHEET</h2>	REPORT NO: <u>R.P1106</u>
PROJECT: <u>WBN</u>		WELD NO: <u>SIF-B-7071-09</u>
UNIT: <u>2</u>		SYSTEM: <u>SIS</u>

Record Thickness Measurements As Indicated, Including Weld Width, Edge-To-Edge At 0°

Position	0°	90°	180°	270°
<u>1</u>	.328	.334	.328	.329
<u>2</u>	.329	.322	.343	.339
<u>3</u>	.401	.399	.422	.395
<u>4</u>	.394	.393	.394	.375
<u>5</u>	*	*	*	*

CROWN HEIGHT: <u>.0625</u>	DIAMETER: <u>2.0</u>
CROWN WIDTH: <u>.4375</u>	WELD LENGTH: <u>7.75</u>

FLOW →

PIPE
FLANGE

0°

90°

180°

270°

* No thickness readings taken due to Flange configuration

EXAMINER: <u>[Signature]</u>	REVIEWED BY: <u>[Signature]</u>	ANII: <u>[Signature]</u>
LEVEL: <u>II</u>	LEVEL: <u>III</u>	DATE: <u>7-15-10</u>
DATE: <u>05-26-10</u>	DATE: <u>05-11-10</u>	PAGE <u>5</u> OF <u>7</u>

TVA

Office of Nuclear Power

PROJECT: WBN SYSTEM: SIS

UNIT: 2 WELD NO: SIF-B-T071-09

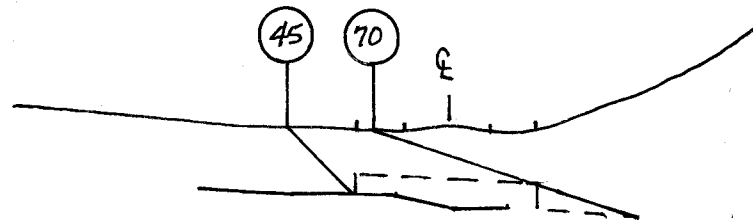
REPORT NO.:

R.P.1106

PIPE

FLOW →

FLANGE



$$\frac{ID \ 1.79"}{OD \ 2.47"} = .72 \text{ RATIO} = 46^\circ$$

MAX
CIRC
ANGLE

BY: Jose Alejandro Jose Clejato LEVEL: II DATE: 05-26-10 ²⁶
₀₅₋₂₈₋₁₀ PAGE 6 OF 7

Watts Bar Unit 2

R.P 1106

TVA Procedure N-GP-31
Attachments 3 & 4

Measured
Fields

Calculated
Fields

Worksheet Version 1.0 dated 07/01/09

WELD
NUMBER

SIF-B-T071-09

Item 1

Required examination Volume in sq. in.
(width x height)

0.95	0.13	0.1235	sq. in.
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Item 2

Number of scan directions

4	directions
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Item 3

Total Scan volume in sq. in.

0.494	sq. in.
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Item 4

Total length of weld

7.75	inches
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Item 5

Total required exam volume in cubic
inches

3.8285	cu. in.
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Item 6

Exam volume acheived (sq. in.) in
direction 1 X length of weld achieved

0.1235	7.75	0.957125	cu. In.
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Item 7

Exam volume acheived (sq. in.) in
direction 2 X length of weld achieved

0.1235	7.75	0.957125	cu. In.
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Item 8

Exam volume acheived (sq. in.) in
direction 3 X length of weld achieved

0.1235	7.75	0.957125	cu. In.
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Item 9

Exam volume acheived (sq. in.) in
direction 4 X length of weld achieved

0	7.75	0	cu. In.
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Item 10

Determined the acheived exam volume
add 6, 7, 8 & 9

2.871375	cu. In.
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Item 11

Exam volume percentage item 10/item 5
x 100

75.00	%
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No Scan #4, limitation due to flange

Initials
JAP

Date
05/27/2010

0.18

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