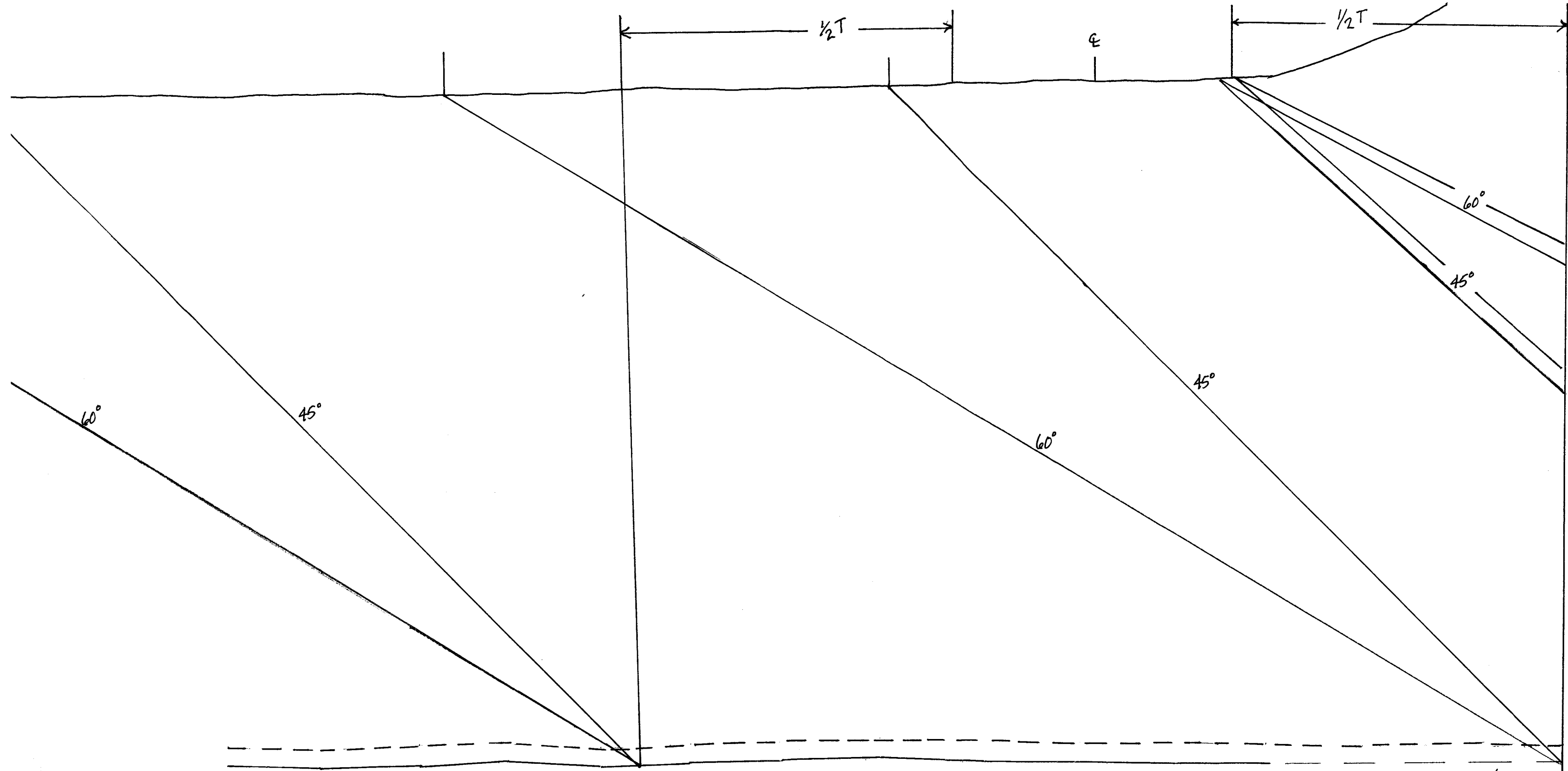


R-P1014



WBN 2 RPV
Weld ID - W08-09
T Alejundro Level II
04-12-10

Revised: Matt Welch
VIII
7/15/10

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04-12-10

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Watts Bar Unit 2

R-71014

TVA Procedure N-GP-31
Attachments 3 & 4

Measured Fields	Calculated Fields
-----------------	-------------------

Worksheet Version 1.0 dated 07/01/09

WELD
NUMBER

W08-09

-45°

Item 1

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

10.2

7.2

73.44

sq. in.

Item 2

Number of **scan directions**

4

directions

Item 3

Total Scan **volume** in sq. in.

293.76

sq. in.

Item 4

Total **length** of weld

500

inches

Item 5

Total required **exam volume** in cubic inches

146880

cu. in.

Item 6

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

0

500

0

cu. In.

Item 7

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

70.44

500

35220

cu. In.

Item 8

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

73.44

500

36720

cu. In.

Item 9

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

73.44

500

36720

cu. In.

Item 10

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

108660

cu. In.

Item 11

Exam volume percentage item 10/item 5
x 100

73.98

%

Scan #3 limitation due to Flange
scan #4 limitation due to lifting lugs

Initials
JA

Date
04/14/2010

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R-D1014

Watts Bar Unit 2

TVA Procedure N-GP-31
Attachments 3 & 4

Measured Fields	Calculated Fields
-----------------	-------------------

Worksheet Version 1.0 dated 07/01/09

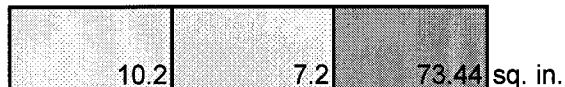
WELD
NUMBER

W08-09

60°

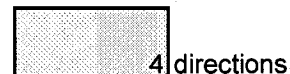
Item 1

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



Item 2

Number of scan directions



Item 3

Total Scan volume in sq. in.



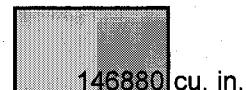
Item 4

Total length of weld



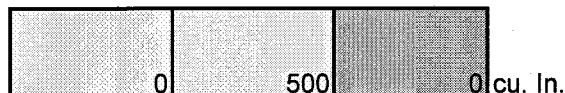
Item 5

Total required exam volume in cubic inches



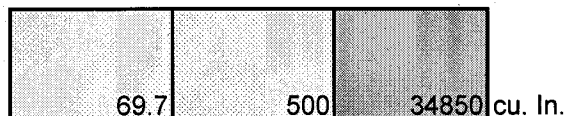
Item 6

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



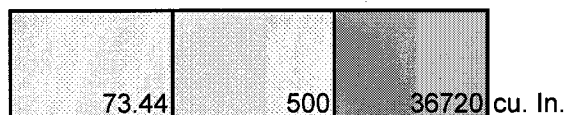
Item 7

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



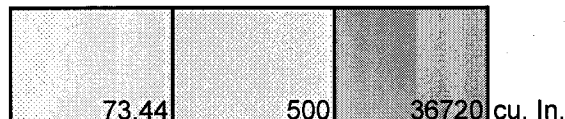
Item 8

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



Item 9

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



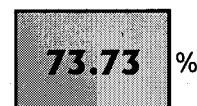
Item 10

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



Item 11

Exam volume percentage item 10/item 5
x 100



Scan #3 limitation due to Flange
scan #4 limitation due to lifting lugs

Initials

JA

Date

04/14/2010

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