

APACHE CORPORATION
 CHINCHAGA GAS PLANT #2 - (113)
 01-24-096-05W6M - (01)

TEAM Industrial Services

Item Desc.:	HOT OIL SURGE TANK		Lsd: 01-24-096-05W6M
Prov. Reg.:	A0176623	Equip. No.: V-15	Ser. No.: -----
SKID No.:		PSV No.:	Last VE Date:

Description: 6"90L B-T

TML: 017-05*

Nominal:	7.100	<u>C.A. as per</u>	C.A. L.F.L.:	0.888	Con't Service: YES
t Min.:	--	ASTM	L.F.L.:	6.212	Insp. Intv. 60
C.A. Calc.:	--		Mths.To L.F.L.:	120	Add'l Assm't: NO

Survey Dates: 1999-11-01 2005-04-01

Reading 01:	7.200	7.100
Reading 02:	7.100	7.000
Reading 03:	6.800	6.800
Reading 04:	6.900	6.800
Reading 05:	6.800	6.800
Reading 06:	6.900	6.800

Data Evaluation:

Lowest Reading	6.800	6.800
Average - Low 3	6.833	6.800
Thk.Rem. Above LFL	*0.588	*0.588
Indv. Short Term Rate (mm/yr)		0.018
Short Term Rate (mm/yr)		0.006
LongTerm Rate (mm/yr)		

Comments:

INSPECTED HOT
 2011/02 - OUT OF SERVICE, NO RDGS TAKEN

Description: NORTH HEAD T-B

TML: 017-10

Nominal:	6.400	<u>C.A. as per</u>	C.A. L.F.L.:	1.600	Con't Service: YES
t Min.:	4.800	Design	L.F.L.:	4.800	Insp. Intv. 60
C.A. Calc.:	1.600		Mths.To L.F.L.:	120	Add'l Assm't: NO

Survey Dates: 1999-11-01 2005-04-01

Reading 01:	13.100	13.000
Reading 02:	13.200	13.100
Reading 03:	13.500	13.300
Reading 04:	13.100	13.000
Reading 05:	12.800	12.700
Reading 06:	13.000	13.000

Data Evaluation:

Lowest Reading	12.800	12.700
Average - Low 3	12.967	12.900
Thk.Rem. Above LFL	8.000	7.900
Indv. Short Term Rate (mm/yr)		0.037
Short Term Rate (mm/yr)		0.012
LongTerm Rate (mm/yr)		

Comments:

INSPECTED HOT

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SKID No.:		PSV No.:		Last VE Date:	

Description: UPPER NORTH SHELL T-B

TML: 017-15

		<u>C.A. as per</u>			
Nominal:	6.400		C.A. L.F.L.:	1.600	Con't Service: YES
t Min.:	4.800	Design	L.F.L.:	4.800	Insp. Intv. 12
C.A. Calc.:	1.600		Mths.To L.F.L.:	48	Add'l Assm't: NO

<u>Survey Dates:</u>	<u>1999-11-01</u>	<u>2005-04-01</u>
Reading 01:	10.800	10.600
Reading 02:	10.300	10.200
Reading 03:	11.000	10.900
Reading 04:	10.600	10.400
Reading 05:	10.900	10.700
Reading 06:	10.800	10.700

Data Evaluation:

Lowest Reading	10.300	10.200
Average - Low 3	10.567	10.400
Thk.Rem. Above LFL	5.500	5.400
Indv. Short Term Rate (mm/yr)		0.037
Short Term Rate (mm/yr)		0.031
LongTerm Rate (mm/yr)		

Comments:
 INSPECTED HOT

Description: MID.SHELL T-B

TML: 017-20

		<u>C.A. as per</u>			
Nominal:	6.400		C.A. L.F.L.:	1.600	Con't Service: YES
t Min.:	4.800	Design	L.F.L.:	4.800	Insp. Intv. 12
C.A. Calc.:	1.600		Mths.To L.F.L.:	48	Add'l Assm't: NO

<u>Survey Dates:</u>	<u>1999-11-01</u>	<u>2005-04-01</u>
Reading 01:	10.900	10.800
Reading 02:	11.000	10.900
Reading 03:	10.800	10.700
Reading 04:	11.100	11.000
Reading 05:	11.200	11.100
Reading 06:	11.000	10.900

Data Evaluation:

Lowest Reading	10.800	10.700
Average - Low 3	10.900	10.800
Thk.Rem. Above LFL	6.000	5.900
Indv. Short Term Rate (mm/yr)		0.018
Short Term Rate (mm/yr)		0.018
LongTerm Rate (mm/yr)		

Comments:
 INSPECTED HOT

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Prov. Reg.:	A0176623	Equip. No.:	V-15	Ser. No.:	-----
SKID No.:		PSV No.:		Last VE Date:	

Description: SOUTH HEAD N-S

TML: 017-25

		<u>C.A. as per</u>			
Nominal:	6.400		C.A. L.F.L.:	1.600	Con't Service: YES
t Min.:	4.800	Design	L.F.L.:	4.800	Insp. Intv. 12
C.A. Calc.:	1.600		Mths.To L.F.L.:	48	Add'l Assm't: NO

<u>Survey Dates:</u>	<u>1999-11-01</u>	<u>2005-04-01</u>
Reading 01:	13.100	13.000
Reading 02:	12.800	12.800
Reading 03:	13.200	13.200
Reading 04:	13.200	13.200
Reading 05:	13.100	13.100
Reading 06:	13.000	13.000

Data Evaluation:

Lowest Reading	12.800	12.800
Average - Low 3	12.967	12.933
Thk.Rem. Above LFL	8.000	8.000
Indv. Short Term Rate (mm/yr)		0.018
Short Term Rate (mm/yr)		0.006
LongTerm Rate (mm/yr)		

Comments:
 INSPECTED HOT

Description: VESSEL TEE 8" N-S

TML: 017-30

		<u>C.A. as per</u>			
Nominal:	8.200		C.A. L.F.L.:	1.600	Con't Service: YES
t Min.:	6.600	Design	L.F.L.:	6.600	Insp. Intv. 12
C.A. Calc.:	1.600		Mths.To L.F.L.:	48	Add'l Assm't: NO

<u>Survey Dates:</u>	<u>1999-11-01</u>	<u>2005-04-01</u>
Reading 01:	11.200	11.100
Reading 02:	11.100	11.100
Reading 03:	11.300	11.300
Reading 04:	11.800	11.700
Reading 05:	11.700	11.600
Reading 06:	11.600	11.500

Data Evaluation:

Lowest Reading	11.100	11.100
Average - Low 3	11.200	11.167
Thk.Rem. Above LFL	4.500	4.500
Indv. Short Term Rate (mm/yr)		0.018
Short Term Rate (mm/yr)		0.006
LongTerm Rate (mm/yr)		

Comments:
 INSPECTED HOT

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Prov. Reg.:	A0176623	Equip. No.:	V-15	Ser. No.:	-----
SKID No.:		PSV No.:		Last VE Date:	

Description: 3"90L B-T

TML: 017-35

Nominal:	5.500	<u>C.A. as per</u>	C.A. L.F.L.:	0.688	Con't Service:	YES
t Min.:	--	ASTM	L.F.L.:	4.812	Insp. Intv.:	12
C.A. Calc.:	--		Mths.To L.F.L.:	48	Add'l Assm't:	NO

Survey Dates: 1999-11-01 2005-04-01

Reading 01:	5.800	5.700
Reading 02:	5.800	5.700
Reading 03:	5.900	5.800
Reading 04:	6.200	6.000
Reading 05:	5.400	5.400

Data Evaluation:

Lowest Reading	5.400	5.400
Average - Low 3	5.667	5.600
Thk.Rem. Above LFL	0.588	0.588
Indv. Short Term Rate (mm/yr)		0.037
Short Term Rate (mm/yr)		0.012
LongTerm Rate (mm/yr)		

Comments:
 INSPECTED HOT

Description: 3"90L B-T

TML: 017-40**

Nominal:	5.500	<u>C.A. as per</u>	C.A. L.F.L.:	0.688	Con't Service:	YES
t Min.:	--	ASTM	L.F.L.:	4.812	Insp. Intv.:	12
C.A. Calc.:	--		Mths.To L.F.L.:	48	Add'l Assm't:	NO

Survey Dates: 1999-11-01 2005-04-01

Reading 01:	6.200	6.100
Reading 02:	5.900	5.800
Reading 03:	5.400	5.400
Reading 04:	5.000	5.000
Reading 05:	5.400	5.400

Data Evaluation:

Lowest Reading	5.000	5.000
Average - Low 3	5.267	5.267
Thk.Rem. Above LFL	**0.188	**0.188
Indv. Short Term Rate (mm/yr)		0.018
Short Term Rate (mm/yr)		0.000
LongTerm Rate (mm/yr)		

Comments:
 INSPECTED HOT