

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

TEAM Industrial Services

Item Desc.:	DE-ETHANIZER FEED DRUM		Lsd:	01-24-096-05W6M	
Prov. Reg.:	A0227076	Equip. No.:	V-2A	Ser. No.:	-----
SKID No.:		PSV No.:		Last VE Date:	

Description: 4"90L T-B

TML: 011-05

Nominal:	6.000	<u>C.A. as per</u>	C.A. L.F.L.:	0.750	Con't Service:	YES
t Min.:	--	ASTM	L.F.L.:	5.250	Insp. Intv.:	60
C.A. Calc.:	--		Mths.To L.F.L.:	120	Add'l Assm't:	NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	6.700	6.200
Reading 02:	6.500	6.100
Reading 03:	6.600	6.100
Reading 04:	6.600	6.100
Reading 05:	6.200	6.200
Reading 06:	6.600	6.300

Data Evaluation:

Lowest Reading	6.200	6.100
Average - Low 3	6.433	6.100
Thk.Rem. Above LFL	0.950	0.850
Indv. Short Term Rate (mm/yr)		0.094
Short Term Rate (mm/yr)		0.062
LongTerm Rate (mm/yr)		

Comments:

2011/02 - OUT OF SERVICE, NO RDGS TAKEN

Description: WEST HEAD T-B

TML: 011-10

Nominal:	43.990	<u>C.A. as per</u>	C.A. L.F.L.:	0.000	Con't Service:	YES
t Min.:	--	Not Stated	L.F.L.:	43.990	Insp. Intv.:	60
C.A. Calc.:	--		Mths.To L.F.L.:	120	Add'l Assm't:	NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	44.200	44.100
Reading 02:	44.200	44.200
Reading 03:	44.100	44.100
Reading 04:	44.100	44.100
Reading 05:	44.200	44.200
Reading 06:	44.300	44.200

Data Evaluation:

Lowest Reading	44.100	44.100
Average - Low 3	44.133	44.100
Thk.Rem. Above LFL	0.110	0.110
Indv. Short Term Rate (mm/yr)		0.019
Short Term Rate (mm/yr)		0.006
LongTerm Rate (mm/yr)		

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

Description: WEST BTM.SHELL E-W

TML: 011-15***

		<u>C.A. as per</u>		
Nominal:	44.500		C.A. L.F.L.:	0.000
t Min.:	--	Not Stated	L.F.L.:	44.500
C.A. Calc.:	--		Mths.To L.F.L.:	0
			Con't Service:	NO
			Insp. Intv.:	0
			Add'l Assm't:	NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	44.500	44.500
Reading 02:	44.400	44.400
Reading 03:	45.000	45.000
Reading 04:	45.000	45.000
Reading 05:	45.100	45.100
Reading 06:	45.000	45.000

Data Evaluation:

Lowest Reading	44.400	44.400
Average - Low 3	44.633	44.633
Thk.Rem. Above LFL	***-0.100	***-0.100
Indv. Short Term Rate (mm/yr)		0.000
Short Term Rate (mm/yr)		0.000
LongTerm Rate (mm/yr)		

Comments:

WELD BETWEEN RDGS. 1 & 2

Description: MID.BTM.SHELL W-E

TML: 011-20

		<u>C.A. as per</u>		
Nominal:	44.500		C.A. L.F.L.:	0.000
t Min.:	--	Not Stated	L.F.L.:	44.500
C.A. Calc.:	--		Mths.To L.F.L.:	120
			Con't Service:	YES
			Insp. Intv.:	60
			Add'l Assm't:	NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	46.000	45.600
Reading 02:	45.600	45.400
Reading 03:	45.700	45.400
Reading 04:	45.300	45.300
Reading 05:	45.400	45.400
Reading 06:	45.400	45.400

Data Evaluation:

Lowest Reading	45.300	45.300
Average - Low 3	45.367	45.367
Thk.Rem. Above LFL	0.800	0.800
Indv. Short Term Rate (mm/yr)		0.075
Short Term Rate (mm/yr)		0.000
LongTerm Rate (mm/yr)		

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

Description: EAST UPPER SHELL T-B

TML: 011-25

		<u>C.A. as per</u>			
Nominal:	44.500		C.A. L.F.L.:	0.000	Con't Service: YES
t Min.:	--	Not Stated	L.F.L.:	44.500	Insp. Intv. 60
C.A. Calc.:	--		Mths.To L.F.L.:	120	Add'l Assm't: NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	45.600	45.600
Reading 02:	45.700	45.700
Reading 03:	45.600	45.600
Reading 04:	45.600	45.600
Reading 05:	45.700	45.700
Reading 06:	45.700	45.700

Data Evaluation:

Lowest Reading	45.600	45.600
Average - Low 3	45.600	45.600
Thk.Rem. Above LFL	1.100	1.100
Indv. Short Term Rate (mm/yr)		0.000
Short Term Rate (mm/yr)		0.000
LongTerm Rate (mm/yr)		

Description: EAST HEAD T-B

TML: 011-30

		<u>C.A. as per</u>			
Nominal:	43.990		C.A. L.F.L.:	0.000	Con't Service: YES
t Min.:	--	Not Stated	L.F.L.:	43.990	Insp. Intv. 60
C.A. Calc.:	--		Mths.To L.F.L.:	120	Add'l Assm't: NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	44.500	44.400
Reading 02:	44.400	44.400
Reading 03:	44.500	44.500
Reading 04:	44.500	44.400
Reading 05:	44.600	44.600
Reading 06:	44.300	44.200

Data Evaluation:

Lowest Reading	44.300	44.200
Average - Low 3	44.400	44.333
Thk.Rem. Above LFL	0.310	0.210
Indv. Short Term Rate (mm/yr)		0.019
Short Term Rate (mm/yr)		0.013
LongTerm Rate (mm/yr)		

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

Description: **BOOT SHELL T-B**

TML: 011-35

		<u>C.A. as per</u>		
Nominal:	22.200		C.A. L.F.L.:	0.000
t Min.:	--	Not Stated	L.F.L.:	22.200
C.A. Calc.:	--		Mths.To L.F.L.:	48

Con't Service: YES
 Insp. Intv. 12
 Addt'l Assm't: NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	23.500	23.400
Reading 02:	24.100	23.500
Reading 03:	24.100	23.700
Reading 04:	24.000	23.700
Reading 05:	23.800	23.800
Reading 06:	24.200	24.000

Data Evaluation:

Lowest Reading	23.500	23.400
Average - Low 3	23.767	23.533
Thk.Rem. Above LFL	1.300	1.200
Indv. Short Term Rate (mm/yr)		0.112
Short Term Rate (mm/yr)		0.044
LongTerm Rate (mm/yr)		

Comments:
 ASSUMED NOMINAL

Description: **BOOT HEAD W-E**

TML: 011-40

		<u>C.A. as per</u>		
Nominal:	15.900		C.A. L.F.L.:	0.000
t Min.:	--	Not Stated	L.F.L.:	15.900
C.A. Calc.:	--		Mths.To L.F.L.:	48

Con't Service: YES
 Insp. Intv. 12
 Addt'l Assm't: NO

Survey Dates: 1999-11-01 2005-03-01

Reading 01:	18.500	18.000
Reading 02:	18.600	18.400
Reading 03:	18.800	18.600
Reading 04:	18.800	18.600
Reading 05:	19.000	18.600
Reading 06:	18.100	18.100

Data Evaluation:

Lowest Reading	18.100	18.000
Average - Low 3	18.400	18.167
Thk.Rem. Above LFL	2.200	2.100
Indv. Short Term Rate (mm/yr)		0.094
Short Term Rate (mm/yr)		0.044
LongTerm Rate (mm/yr)		

Comments:
 ASSUMED NOMINAL

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

Description: 3"90L T-B

TML: 011-45*

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 2005-03-01

Reading 01:	5.400	5.200
Reading 02:	5.300	5.200
Reading 03:	5.400	5.200
Reading 04:	5.500	5.200
Reading 05:	5.300	5.200

Data Evaluation:

Lowest Reading	5.300	5.200
Average - Low 3	5.333	5.200
Thk.Rem. Above LFL	*0.488	*0.388
Indv. Short Term Rate (mm/yr)		0.056
Short Term Rate (mm/yr)		0.025
LongTerm Rate (mm/yr)		