LOCATION IDENTIFIC LSD JUR# SERIAL#	CATION	EQUIPMENT DESCRIPTION	EQUIPMENT TYPE MA	.NWAY (INTERNAL ACCESS)	.T MANUFACTURER	STATUS SHELL N	AWP TUBE MAWP SWEET/SO LAST REGULA	CURRENT INSP. INTERVAL	2010 INSP. METHODS	2010 MAINTENANCE NOTES/COMMENTS	2010 INSP. COMMENTS	CORROSION RATE	REMAINING LIFE (Years)	WORST CORRSION LOCATION FFS ? (YES/NO)	IDS COMMENTS FOR INTE	ACTIONS RISK RANKING (HIGH,	CNRL REVIEW INTE	V INSP. ERVAL NEXT REGULATORY
09-01-083-10W6 A0101763 4197	D13.2	GAS CHILLER	CHILLER	N 1978	MUIRHEAD ENGINEERING LTD.	IN SERVICE 25	(PSI) UR INSP	(MONTHS)	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# C52594)	(mm/yr) Readings remain consistent and above nominal	20+	(Head, Shell, Piping) 3" Inlet Elbow Test Band 68-70 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	LOW)	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0107531 NB5329949	D4310.51236	HEAT MEDIUM BOILER	BOILER	Y 1977	CLEAVER BROOKS INC	IN SERVICE 12	- SWEET 10/15/20	13 36	VE/VI-2013; ABSA ReplacementCe 2013	Service PSV on the Glycol Expansion Tank (Last serviced in 2010) -currently tested on air –test with liquid – this is primary PSV for this system. Secondary PSV's are on the glycol outlets -1 inch Watts.	This Boiler is in good condition, visual external carried out no evidence of leaks – hydro test carried out at 188PSI. Note: Aurora Boiler Corp completed a servicing of the burners, installed new PSV's, and completed a Hydro test in July 2013 – no leaks were detected at that time and boilers have been operating since August 2013. Boiler is fit for service. Internal inspection: general soot build up on burners – cleaned this outage. No evidence of overheating. There is a series of burners under hairpin tubes that run from top drum to bottom drum – these were cleaned during the servicing by Aurora Boiler in July 2013. External Inspection: The shell is fully insulated – no open sections. Covers: No loose or flaking paint. No leaks detected. Boiler is mounted firmly to saddles, no distortion. No apparent leaking at saddle to shell – no stains – no wet insulatio Separate ground installed. Base is intact – no spalling or missing sections. Burner is intact – no sections missing from mixer. Forced draft fan is attached. Temperature controllers: firmly attached, no operational check at time of inspection – operations confirmed serviceability. PSV: Located on Top Shell, set below MAWP of boiler. PSV is tested and rated on air for capacity – required to be tested and rated on liquid. No block valve. Discharges to atmosphere – needs to be rout blow down or closed loop to glycol piping. There is a secondary PSV on the glycol outlet – set at MAWP of boiler – this is a small diameter Watts PSV - Capacity is rated in BTU.	tolerance	20+	2" Inlet Elbow Test Band 49-05, readings were consistent (2010 Yes UT Report)	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	36 2016
09-01-083-10W6 A0107532 NB5329948	D4310.51236	HEAT MEDIUM BOILER	BOILER	Y 1977	CLEAVER BROOKS INC	IN SERVICE 12	- SWEET 10/15/20		UT/VE/VI-2010; No 2013 Inspection repsorts found; ABSA Replacement C 2013	A boiler logs should be put in place. Periodic function test of LWCO valve to be initiated. Suitable to be returned to service; No repairs required.	This boiler was opened for inspection as part of the 2010 TA. Operations did not have any records of the LWCO being function tested and were unsure if it had tested. There was no log book available for review. All boiler controls were being serviced at the time of inspection. It was reported the glycol had been tested but no reports were available. External: All sufraces were in acceptable condition, some discolouring of the boiler casing, the boiler controls were apart for servicing at the time of inspection. All associated piping and components appear ok. Pressure gauges to be replaced. It was noted the PSV was mounted to the steam drum with an approx 12" pipe section, this is not acceptable according to ASME IV section HLW-801. A NCR was not created as operations were advised and were in the process of correcting when I left the site. Internal: All drum internals appear good with no defects noted. Tube IDs as viewed in a mirror appear good. Tube ODs all appear good with no defects noted. Fire box appears good with no indications of sooting or leakage.	0.000MPY - 0.003MPY for pipings of the boiler; this	20+	3" Inlet Elbow Test Band 48-25; readings are consistent and the thinnest was 0.171" with nominal 0.216"	Verify the end have been Boiers are inspected person cor and certification being and acceptable. Verify the end have been Boiers are inspected person cor and certification being and acceptable.	tested. e to be d by a mpetent fied in spection ed by an	CODY SCHEU (CNRL) - ABSA IBPV - 453	36 2016
09-01-083-10W6 A0115668 77-1184	C9705.2	SUCTION SCRUBBER	SEPARATOR	N O	UNIVERSAL INDUSTRIES LTD	IN SERVICE 25	- SWEET 6/16/20:	10 60	VE-2010; INV INSP DEC2014	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings were at or above nominal - CA	20+	8" elbow Test band 71-25, the thinnest reading was 0.307" with nominal 0.322"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0119527 10401	C9674.2	2ND STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLE	N 1978	PAMCO	IN SERVICE 106	SWEET 5/31/20:	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal-CA	20+	West Head Test Band 17-20, the thinnest reading was 0.769" With nominal 0.830" (0.063" CA)	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0119529 10403	C9673.2	2ND STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLE	N 1978	PAMCO	IN SERVICE 120	5 SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	East Head Test Band 18-20 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	e Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0119612 10400	C9671.2	2ND STAGE SUCTION SCRUBBE	ER SEPARATOR	N 1978	PAMCO	IN SERVICE 106	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	The reading of lower shell 16-15 was in the range of 1.436"-1.484" with nominal 1.535"; Other readings were above nominal -CA	20+	Lower Shell Test Band 16-15 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120295 77-58	C9740.2	LIQUIDS INLET SEPARATOR	SEPARATOR	N 1978	I.P. CONSTRUCTORS	IN SERVICE 142	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	No drawing was shown; Wall losses were found on piping and 16" Boot Head; Other readings remain above nominal-CA.	20+	16" Boot Head Test Band 7-40, readings varied 0.919"-0.940" with nominal 1.00" (0.063" CA)	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120296 77-55	C9885.2	CHILLER OIL BOOT	CHILLER	N 1978	I.P. CONSTRUCTORS	IN SERVICE 25	SWEET 6/16/20:	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight loss on the top head, other readings remain above nominal.	20+	Top Head Test Band 72-05 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120322 3173	C9977.2	STABILIZER FEED DRUM	SURGE DRUM	N 1978	I.P. CONSTRUCTORS	IN SERVICE 27	SWEET 6/16/20:	10 60	UT/VE/VI-2010	Remove and grease manway davit arm. Suitable to be returned to service; No repairs required	The vessel was blinded, opened and cleaned for internal inspection as part of the 2010 T/A. Vessel is painted and located inside building with manyway on exterior. Scaffold required for cleaning and inspection. External: All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical grounding and external coating appear good. Associated piping, supports and components ap in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Insulation in good working condition. PSV was removed for servicing at time of inspection. Verify vessel has Alberta CRN and A# stamping. Assign inspection interval. Internal: 60 Month interval assigned. Head and shell paent material in good condition with no signs of corrosion or pitting. Top gas boot internals are inaccessable due to demist pad inplacement. Manway and gasket face were in good condition.	Readings remain above nominal; 0.001MPY @ Left BTM Shell 8-25 and 12" Boot Shell 8-35	20+	3" Inlet Elbow Test Band 8-45; 3" Outlet Elbow Test Band 8-50	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120335 3200-1DP-1	. C9958.2	1ST STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 25	SWEET 5/31/20:	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the	Slight loss was found at 4" Inlet Elbow Test Band 41-30; other readings remain above nominal	20+	4" Inlet Elbow Test Band 41-30, the thinnest reading was 0.201" Yes with nominal 0.237"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120336 3200-1DP-2	C9958.2	1ST STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 25	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping. PSV has correct code stamp and MWS tagging, and was last serviced within the	Readings remain above nominal	20+	4" Inlet Elbow Test Band 29-25 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	e Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120337 3200-2DP-1	. C9960.2	2ND STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 27	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	4" Outlet Elbow Test Band 22-25 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120338 3200-2DP-2	C9960.2	2ND STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 27	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	3" Outlet Elbow Test Band 31- 25, the thinnest reading was 0.203" with nominal 0.216"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120339 3200-2SP-1	C9959.2	2ND STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 25	SWEET 5/31/20:	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal	20+	East Btm Shell Test Band 42-15 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120340 3200-2SP-2	C9959.2	2ND STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 25	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal	20+	West Head Test Band 30-20 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120342 3200-1SR-1	C9961.2	1ST STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLE	N 1978	E A KUTRYK INDUSTRIES LTD.	IN SERVICE 143	SWEET 5/31/202	10 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight loss was found at 4" Inlet Elbow Test Band 33-30; Other readings were above nominal - CA	20+	4" Inlet Elbow Test Band 33-30, the thinnest reading was 0.273" With nominal 0.337" Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	le Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016

LOCATION IDENTIFICAT LSD JUR# SERIAL#	CRN	EQUIPMENT DESCRIPTION	EOUIPMENT TYPE	VESSEL DESCRIPTION MANWAY (INTERNAL YEAR		STATUS	SHELL MAWP	TUBE MAWP SWEET/SO LAST REGULATOR	CURRENT INSP. INTERVAL	2010 INSP. METHODS	2010 MAINTENANCE NOTES/COMMENTS	2010 INSP. COMMENTS	CORROSION RATE	REMAINING LIFE (Years)	WORST CORRSION LOCATION FFS ? (YES/NO)	IDS COMMENTS F	UIRED ACTIONS OR INTERVAL RISK RAN (HIGH	KING H, CNRL REVIEW COMPLETE	NEW INSP. INTERVAL NEXT REGULATORY
09-01-083-10W6 A0120343 3200-1SR-2	C9961.2	1ST STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLE	ACCESS) YEAR 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	(PSI)	(PSI) UR INSP SWEET 5/31/2010	(MONTHS) 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	(mm/yr) Readings were above nominal-CA	20+	(Head, Shell, Piping) 4" Elbow Test Band 21-30 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	COMPLETE COMPLETE COMPLETE COMPLETE ABSA IBPV - 453	(MONTHS) INSP.
09-01-083-10W6 A0120344 3200-2SR-1	C9963.2	2ND STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight loss was found at 4" Inlet Elbow Test Band 37-30; Other readings were above nominal - CA	20+	4" Inlet Elbow Test Band 37-30, the thinnest reading was 0.282" With nominal 0.337" Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120345 3200-2SR-2	C9963.2	2ND STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLE	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	No UT report was found;	20+	N/A Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120346 3200-1DR-1	C9962.2	1ST STAGE DISCHARGE BOTTLI	LE COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight loss was found at 4" Outlet Elbow Test Band 34-25; other readings remain above nominal	20+	4" Outlet Elbow Test Band 34- 25, the thinnest reading was 0.294" with nominal 0.337"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120349 3200-1SSR-1	C9965.2	1ST STAGE SUCTION SCRUBBE	ER SEPARATOR	N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight loss was found at 4" Inlet Elbow 32-30; Other readings remain above nominal - CA	20+	4" Inlet Elbow 24-35, the thinnest reading was 0.200" Yes with nominal 0.237"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120350 3200-1SSR-2	C9965.2	1ST STAGE SUCTION SCRUBBE	ER SEPARATOR	N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT-2010		Only UT report was found	Slight loss was found at 4" Inlet Elbow 24-35; Other readings remain above nominal - CA		4" Inlet Elbow 24-35, the thinnest reading was 0.201" with nominal 0.237"	No recent visual inspection insp	ovide a recent ection report for assessment.	CODY SCHEU (CNRL) - ABSA IBPV - 453	
09-01-083-10W6 A0120351 3200-2SSR-1	C9965.2	2ND STAGE SUCTION SCRUBBE	ER SEPARATOR	N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and Aff stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings of heads and the shell remain above nominal; piping readings were above nominal- mill tolerance	20+	4" Inlet Elbow 36-30, the thinnest reading was 0.298" with nominal 0.337" Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120352 3200-2SSR-2	C9965.2	2ND STAGE SUCTION SCRUBBE	ER SEPARATOR	N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight loss was found at 4" Inlet Elbow 20-35; other readings remain above nominal	20+	4" Inlet Elbow 20-35, the thinnest reading was 0.292" With nominal 0.337"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120353 3200-2DP-1	C9964.2	2ND STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	3" Outlet Elbow Test Band 38-25 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120354 3200-2DR-2	C9964.2	2ND STAGE DISCHARGE BOTTL	LE COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	West Head Test Band 26-20, the thinnest reading was 0.797" West Head Test Band 26-20, the thinnest reading was 0.797" Yes with nominal 0.812" (0.063" CA)	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120355 3200-1SP-1	C9957.2	1ST STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 250	SWEET 6/18/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal	20+	4" Inlet Elbow Test Band 73-25 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120356 3200-1SP-2	C9957.2	1ST STAGE SUCTION BOTTLE	E COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 250	SWEET 6/18/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings were above nominal	20+	8" Elbow Test Band 28-25 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120357 3200-1DR-2	C9962.2	1ST STAGE DISCHARGE BOTTLI	LE COMPRESSOR BOTTLI	E N 19	E A KUTRYK INDUSTRIES LTD.	IN SERVICE	E 1430	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	4" Outlet Elbow Test Band 22- 25, the thinnest reading was 0.314" with nominal 0.337"	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0120395 78-62-01	ALO78.12	GLYCOL SURGE DRUM	SURGE DRUM	N 19	78 I.P. CONSTRUCTORS	S IN SERVICE	E 100	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	Right and Mid bottom shel Test Band 51-10 & 51-20	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016
09-01-083-10W6 A0126839 78-5332-2	C9620.2	CONDENSER COOLER	CHILLER	N 19	77 EXCHANGER SALES & SERVICE LTD.	§ IN SERVICE	E 225	SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Slight wall loss found on 2" Inlet elbow; other readings were above nominal - CA	20+	2" Inlet elbow Test Band 60-35 Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	None Low	CODY SCHEU (CNRL) - ABSA IBPV - 453	72 2016

LOCATION LSD JUR#	IDENTIFICATION SERIAL#	CRN	EQUIPMENT DESCRIPTIO	ON EQUIPMENT TYPE	VESSEL DESCRIPTION MANWAY (INTERNAL ACCESS) YEAR BUIL	LT MANUFACTURER	STATUS	SERVICE DATA SHELL MAWP TUBE MAWP SWEE (PSI) (PSI) U	T/SO LAST REGULATORY INSP. INSP	2010 INSP. METHODS	2010 MAINTENANCE NOTES/COMMENTS	2010 INSP. COMMENTS	CORROSION RATE (mm/yr)	REMAINING LIFE (Years)	WORST CORRSION LOCATION (Head, Shell, Piping)	? (YES/NO) IDS COMMENTS	REQUIRED ACTIONS FOR INTERVAL	RISK RANKING (HIGH, CNRL REVIEW MEDIUM. COMPLETE	NEW INSP. INTERVAL INSP.
09-01-083-10W6 A0126840		C9619.2	FIN EXCHANGER	EXCHANGER	N 1977	EXCHANGER SALES & SERVICE LTD.	IN SERVICE	(PSI) (PSI) U	(MONTHS)	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings of header boxes remain above the nominal; slight loss was found on the piping.	20+	(Head, Shell, Piping) 2" Outlet Elbow Test Band 61- 30, the thinnest reading was 0.125" with nominal 0.154".	There are no Issues, NCRs or we requests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	LOW) COMPLETE COMPLETE COMPLETE ABSA IBPV - 453	(MONTHS) INSP.
09-01-083-10W6 A0126842	78-5332-1	C9619.2	FIN EXCHANGER	EXCHANGER	N 1977	EXCHANGER SALES & SERVICE LTD.	IN SERVICE	250 SW	EET 6/1/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal -CA	20+	2" Outlet Elbow Test Band 62-30	There are no Issues, NCRs or water requests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ork ne g None	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0126884	13911A	B9134.2	PROPANE SURGE TANK	K TANK	N 1978	WESTERN ROCK BIT	IN SERVICE	250 SW	EET 6/16/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# C52591)	Readings remain above nominal	20+	2" Inlet elbow Test Band 69-35	There are no Issues, NCRs or we requests that would prevent to inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0126921	77-94	D61.2		TOWER	Y 1970	LE GRAND IND.	IN SERVICE	225 SW	EET 6/16/2010 60	UT/VE/VI -2010	Remove and grease manway davit arm. Suitable to be returned to service; No repairs required.	The vessel was blinded, opened and cleaned for internal inspection as part of the 2010 T/A. Vessel is painted and located inside building with manyway on interior. Internal access at kettle portion of tower as trays were not removed. Scaffold required for cleaning and inspection. External: All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical grounding and external coating appear good. Associated piping, supports and component in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Insulation in good working condition. PSV was removed for servicing at time of inspection. Verify vessel has Alberta CRN and A# stamping. Assign inspection interval. Internal: 60 Month interval assigned. Access to bottom "kettle" portion of tower as trays were not removed and no access to top tray portion unless the intermediate head is removed and laid flat on the ground. Bottom head and shell, as well as transition shell where seer working condition with no corrosion or defects noted at time of inspection. Manway and gasket face were in good condition.	and readings were consistent; Readings remain above nominal – CA for indoor shell and head test locations; Wall loss found at piping	20+	2" Drain nozzle Test Band 9-40, readings varied from 0.327" to 0.353" with nominal 0.343"	There are no Issues, NCRs or we requests that would prevent to inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0130516	5446350	754.72	AIR RECEIVER	AIR RECEIVER	N 1978	STEEL FAB	IN SERVICE	165 SW	EET 5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings were above nominal	20+	Bottom Head Test Band 57-25	There are no Issues, NCRs or working requests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A0136079	77-93	D60.2	LOW TEMP SEPARATOR	R SEPARATOR	Y 1978	LE GRAND IND.	IN SERVICE	1320 SW	EET 6/16/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	No drawing was shown; Slight loss was found on the 16" Boot Shell 67-35; other readings remain above nominal –CA.	20+	16" Boot Shell 67-35, readings was in the range of 1.001" - 1.016" with nominal 1.031", assumed material SA-106-B.	There are no Issues, NCRs or working requests that would prevent to inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0140044	77-11-83	C9706.2	PROPANE ECONOMIZEI	ER VESSEL	N O	UNIVERSAL INDUSTRIES LTD	IN SERVICE	250 SW	EET 6/16/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Wall loss found at the 3" Boot Shell; Other readings remain above nominal.	20+	3" Boot Shell 70-25, readings were 0.168"-0.224" with nominal 0.216"	There are no Issues, NCRs or we requests that would prevent to inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A0142201	85-0149-1	E8058.2	FILTER	FILTER	N 1985	PETRO EQUIPMENT SALES	IN SERVICE	150 - SW	EET 6/1/2010 60	VE/UT-2010; INV INSP DEC2014	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	All readings were above nominal – CA; 0.004MPY (LT) @ 3" Elbow Test Band 10-50; 0.002MPY (LT) @ Bottom Head Test Band 10-20.	20+	3" Elbow Test Band 10-50, the thinnest reading was 0.190" with nominal 0.216"; Pitting @ Lower Shell Test Band 10-15, the thinnest reading was 0.321" with nominal 0.375".	There are no Issues, NCRs or warequests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0144201	78-0564-1	D395.2	GAS/GAS EXCHANGER	R EXCHANGER	N 1978	EXCHANGER SALES & SERVICE LTD.	IN SERVICE	1296 1420 SW	EET 6/16/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	All readings were above nominal	20+	8" Elbow Test Band 66-40	There are no Issues, NCRs or w requests that would prevent t inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0144202	78-0564-2	D394.2	GAS / GAS EXCHANGER	R EXCHANGER	N 1978	EXCHANGER SALES & SERVICE LTD.	IN SERVICE	1296 SW	EET 6/16/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. The vessel was blinded, opened and cleaned for internal inspection as part of the 2010 T/A.	Readings remain above nominal -CA	20+	8" Inlet Elbow 65-40	There are no Issues, NCRs or worequests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A0149006	77-92	D59.2	LIQUIDS INLET SEPARATO	OR SEPARATOR	Y 1978	LE GRAND IND.	IN SERVICE	1420 SW	EET 6/16/2010 60	UT/VE/VI -2010	Remove and grease manway davit arm.	Vessel is painted and located inside building with manyway on exterior. Scaffold required for cleaning and inspection. External: All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical grounding and external coating appear good. Associated piping, supports and component in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Insulation in good working condition. PSV was removed for servicing at time of inspection. Verify vessel has Alberta CRN and A# stamping. Assign inspection interval. Internal: 60 Month interval assigned. - Corrosion etch covers 10% of shell surface. Etch is present around 360 degrees of vessel internal shell and measured 0.040"-0.080" deep. Fabrication gouging located 16" south of M/W is 0.105" deep. (Area was machined grinded duri fabrication or during a previuos internal examination.) Corrosion etch does not appear to be actice as there was no flash rust present and corroded parent material was enveloped in a hydrocarbon sheen. Manway and gasket face were in good condition.	Wall losses found on 18" Boot Shell and head; other readings remain above nominal - CA	20+	18" Boot Shell 6-40	There are no Issues, NCRs or working requests that would prevent to inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A0475274	21-4757B	H5494.238TY	LINE HEATER	LINE HEATER	N 2001	SELECT OILFIELD SERVICE	IN SERVICE	15 3191 SW	EET 5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	3" Elbow Test Band Readings was slightly below nominal-CA; Other readings remain above nominal-CA.	20+	3" Elbow Test Band 3-30, the thinnest reading was 0.261" with nominal 0.300"	There are no Issues, NCRs or worequests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A2696425	90119-01	K3740.2	1ST STAGE SUCTION SCRUB	BBER SEPARATOR	N 1991	ENERFLEX SYSTEMS LTD	IN SERVICE	1000 SW	EET 5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal -CA	20+	1.5" Drain Elbow Test Band 12- 30, the thinnest reading was 0.236" with nominal 0.281"	There are no Issues, NCRs or working requests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	
09-01-083-10W6 A2696432	90119-02	K3741.2	1ST STAGE SUCTION SCRUB	BBER SEPARATOR	N 1991	ENERFLEX SYSTEMS LTD	IN SERVICE	1000 SW	EET 5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal	20+	East BTM Shell Test Band 13-10	There are no Issues, NCRs or we requests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A2696449	90119-03	K3742.2	1ST STAGE DISCHARGE BOT	TTLE COMPRESSOR BOTTLE	N 1991	ENERFLEX SYSTEMS LTD	IN SERVICE	1000 SW	EET 5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings remain above nominal - CA	20+	3" Inlet Elbow Test Band 14-25, the thinnest reading was 0.275" with nominal 0.300"	There are no Issues, NCRs or working requests that would prevent to inspection interval from bein extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A2710866	638-LC3	K2544.2	LEVEL CONTROL		N 1991	PLAINS OIL LTD	IN SERVICE	1440 SW	EET 5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. The vessel was blinded, opened and cleaned for internal inspection as part of the 2010 T/A.	Readings remain above nominal	20+	Upper shell Test Band 2-05	There are no Issues, NCRs or warequests that would prevent to inspection interval from being extended to 72 months in accordance with AB 506.	ne	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016
09-01-083-10W6 A2710873	638-V100	K4017.2	HORIZONTAL INLET SEPARA	ATOR SEPARATOR	Y 1991	PLAINS OIL LTD	IN SERVICE	1400 SW	EET 6/17/2010 60	UT/VE/VI-2010	Remove and grease manway davit arm. Suitable to be returned to service; No repairs required	Vessel is painted and located inside building with manyway on exterior. Scaffold required for cleaning and inspection. External: All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical grounding and external coating appear good. Associated piping, supports and component in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Insulation in good working condition. PSV was removed for servicing at time of inspection. Verify vessel has Alberta CRN and A# stamping. Assign inspection interval. Internal: 60 Month interval assigned. Head and shell parent material in good condition with no signs of corrosion or pitting at time of inspection. Vessel does not have a demister pad or weir. Liquids hoot head and shell parent material in good condition with no signs of corrosion or pitting.	Readings of the vessel and boot remain above nominal; slight loss found on the 2" outlet and 3" outlet elbows.	20+	3" Outlet Elbow Test Band 1-80, readings was in the range of 0.247" -0.290" with nominal 0.300"	There are no Issues, NCRs or w requests that would prevent t inspection interval from bein extended to 72 months in accordance with AB 506.	ne None	Low CODY SCHEU (CNRI ABSA IBPV - 453	.) - 72 2016

LOCATION LSD	JUR#	IDENTIFICATION SERIAL#	CRN	EQUIPMENT DESCRIPTION	N EQUIPMEN	NAANIMAY (INIT	ERNAL YEAR BUILT	MANUFACTURER	STATUS	SHELL MAWP TUBE M (PSI) (PS	MAWP SWEET/SO L	INSPECTION DATES AST REGULATORY INSP (MONTHS)	2010 INSP. METHODS	2010 MAINTENANCE NOTES/COMMENTS	2010 INSP. COMMENTS	CORROSION RATE (mm/yr)	REMAINING LIFE (Years)	WORST CORRSION LOCATION (Head, Shell, Piping)	FFS ? (YES/NO)	IDS COMMENTS	REQUIRED ACTIONS FOR INTERVAL EXTENTION	NKING GH, CNRL REVIEW UM, COMPLETE	INTERVAL INSP
09-01-083-10W6	C# REQUIRED	78-583	C5257.2	FUEL GAS SCRUBBER	SEPARA	TOR N	1977	KING TOOL COMPANY	IN SERVICE	150 -	- SWEET	5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external surface coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWSS4908)	n Readings were at or above nominal- CA	20+	Lower shell Test Band 58-15	Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	!	CODY SCHEU (CNF ABSA IBPV - 453	(MONTHS)
09-01-083-10W6	C# REQUIRED	78-580	C5257.2	FUEL GAS SCRUBBER	SEPARA	TOR N	1977	KING TOOL COMPANY	IN SERVICE	150 -	- SWEET	5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external surface coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWS54909)	n Readings were at or above nominal - CA	20+	Lower shell Test Band 59-15		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6	C52587	24475		GLYCOL FILTER	FILTE	R N	1998	PERRY EQUIPMENT CORP.	IN SERVICE	10	SWEET	5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external surface coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWS54905)	All readings were above nominal – CA according to the report; Readings of 12.75" OD heads and the shell were in the range of 0.120"- 0.170" with nominal 0.125", the mate SA-516-70. No CRN recorded.	ne 20+	Mid Shell Test Band 46-15		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	:	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6	C52588			GLYCOL REBOILER	REBOIL	.ER N	0		IN SERVICE	10	SWEET	5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and MWS # stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWS54904)	0.007MPY (LT/ST) @ Reboiler Top Shell Test Band 45-0	20+	Reboiler Top Shell Test Band 45 05, the thinnest reading was 0.193" with assumed nominal 0.250"; Accumulator Top Shell Test Band 45-20, the thinnest reading was 0.276" with assumed nominal 0.312".		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	!	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6	C52593			EXCHANGER	EXCHAN	GER N	0	AIR X CHANGERS	IN SERVICE		SWEET	N/A 60	N/A	N/A	Only installation invertory inspection report 2014 was found	N/A	20+	N/A	Yes	No reports available	Conduct full inspection and UT survey	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6	C52595	E564-77-1		BROWN FINTUBE EXCHANGE	GER EXCHAN	GER N	1978	BROWN FINTUBE ENGINEERING LTD	IN SERVICE	500	SWEET	9/9/2007 60	VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWSS4898)	No UT thickness test found	20+	N/A		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6	C52597	E564-77-2		EXCHANGER	EXCHAN	GER N	1978	BROWN FINTUBE	IN SERVICE	500	SWEET	N/A 60	N/A	N/A	Only installation invertory inspection report 2014 was found	N/A	20+	N/A	Yes	No reports available	Conduct full inspection and UT survey	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6	C52598	JL2013-026	V0193.231	SALES FILTER COALESCER	R FILTE	R N	2003	JL FILTRATION INC	IN SERVICE	170	SWEET	N/A 60	N/A	N/A	Only installation invertory inspection report 2014 was found	N/A	20+	N/A	Yes	No report on file.	Conduct full inspection and UT survey	W CODY SCHEU (CNF ABSA IBPV - 453	-) - 72 2016
09-01-083-10W6	C52599	JL2013-025	V0193.231	SALES FILTER COALESCER	R FILTE	R N	2003	JL FILTRATION INC	IN SERVICE	170	SWEET	N/A 60	N/A	N/A	Only installation invertory inspection report 2014 was found	N/A	20+	N/A	Yes	No report on file.	Conduct full inspection and UT survey	CODY SCHEU (CNF ABSA IBPV - 453	_) - 72 2016
09-01-083-10W6	MWS54903	77-52		FLARE KNOCKOUT DRUM	l	Y	1978	I.P. CONSTRUCTORS	IN SERVICE	40	SWEET	5/31/2010 60	UT-2010	N/A	N/A	0.003MPY @ 3" Bypass Elbow 11-55; Readings of the vessel were above nominal –CA.	20+	3" Bypass Elbow 11-55		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6	NB10293	14387	B3302.2	FUEL GAS SCRUBBER	SEPARA	TOR N	1978	PERRY EQUIPMENT CORP.	IN SERVICE	275 -	- SWEET	6/1/2010 60	VE/UT-2010; INV INSP DEC2014	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and National Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	0.002 MPY @ top head 44-05; Slight losses were found at mid and lower shell; Other readings were at or above nominal.	20+	Top head Test band 44-05, the thinnest reading was 0.153" with nominal 0.1875"		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6	NB196830	234179	B4162.61423	AIR RECEIVER	AIR RECE	IVER N	0		IN SERVICE	150	SWEET	5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and national Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings were above nominal	20+	Upper shell Test Band 5-10	Yes	There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6	NB197391		OH1053.5C	AIR FILTER	FILTE	R	1994	LE GRAND IND.	IN SERVICE	200	SWEET	5/31/2010 60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and national Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Bottom Head readings were below nominal; Shell readings were at nominal.	20+	Bottom Head Test Bad 55-10, the thinnest reading was 0.080' with nominal 0.094" (0" CA)		There are no Issues, NCRs or work requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016

LOCATION	IDENTIFICATION			VE	ESSEL DESCRIPTION			SERVICE DATA INSPE	CTION DATES										
LSD JUR#	SERIAL#	CRN	EQUIPMENT DESCRIPTION	EQUIPMENT TYPE MANWAY (IN ACCES	NTERNAL SS) YEAR BUILT	MANUFACTURER	STATUS SHELL (P	MAWP TUBE MAWP SWEET/SO LAST REGULATOR (PSI) UR INSP	CURRENT INSP. INTERVAL (MONTHS)	2010 INSP. METHODS	2010 MAINTENANCE NOTES/COMMENTS	2010 INSP. COMMENTS	CORROSION RATE (mm/yr)	REMAINING LIFE (Years)	WORST CORRSION LOCATION (Head, Shell, Piping) FFS ? (YES/NO)	IDS COMMENTS	REQUIRED ACTIONS FOR INTERVAL EXTENTION	ISK RANKING (HIGH, CNRL REVIEW MEDIUM, COMPLETE LOW)	NEW INSP. INTERVAL (MONTHS) NEXT REGULATORY INSP.
09-01-083-10W6 NB197429		OH1053.5C	AIR FILTER	FILTER	1994	LE GRAND IND.	IN SERVICE 2	O SWEET 5/31/2010	60	UT/VE-2010		All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and national Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Bottom Head readings were below nominal; Shell readings were at nominal.	20+	Bottom Head Test Bad 56-10, the thinnest reading was 0.081" With nominal 0.094" (0" CA)	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6 NB21437	4197	D13.2	GAS CHILLER	CHILLER N	1978	MUIRHEAD ENGINEERING LTD.	IN SERVICE 14	90 SWEET 5/20/2010	60	VE-2010		All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and National Board # stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (Same Serial number, CRN, manufacturer and built year as A0101763)	No UT test was mentioned in the report	20+	Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	!	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6 NB3415	778741.3	C9541.2	1ST STAGE COOLER	AERIAL COOLER N	1977	AIR-X-CHANGERS	IN SERVICE	1365 SWEET 5/31/2010	60	VE/UT-2010; INV INSP DEC2014		All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and National Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Reading were at or above nominal - CA	20+	6" Elbow Test Band 15-35 Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	:	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6 NB3483	778377.3A	C9727.2	1ST STAGE COOLER	AERIAL COOLER N	1978	AIR-X-CHANGERS	IN SERVICE	1430 SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and National Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	0.003MPY (LT/ST) @ 4" Elbow Test Band 35-25 & 35-30 0.001MPY (LT/ST) @ 4" Elbow Test Band 35-35; Other readings were above nominal - CA	; 20+	4" Elbow Test Band 35-35, the thinnest reading was 0.278" With nominal 0.337;	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	:	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6 NB3484	778377.4A	C9728.2	2ND STAGE COOLER	AERIAL COOLER N	1978	AIR-X-CHANGERS	IN SERVICE	1430 SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and national Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	0.001MPY (LT/ST) @ 3" Elbow Test Band 39-30; other readings were above nominal-CA	20+	3" Elbow Test Band 39-30 wall loss throughout elbow, the thinnest reading was 0.210" with nominal 0.300".	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	!	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6 NB3485	778377.3B	C9727.2	1ST STAGE COOLER	AERIAL COOLER N	1978	AIR-X-CHANGERS	IN SERVICE	1430 SWEET 5/31/2010	60	UT/VE-2010		All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and National Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings of header boxes were above the nominal; sligh loss was found on readings of piping (23-25, 23-30 and 2 35) but above nominal - mill tolerance		4" Elbow Test Band 23-25, the thinnest reading was 0.273" With nominal 0.337" Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	:	CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6 NB3486	778377.4B	C9728.2	2ND STAGE COOLER	AERIAL COOLER N	1978	AIR-X-CHANGERS	IN SERVICE	1430 SWEET 5/31/2010	60	UT/VE-2010		All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and national Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Wall loss were found throughout 3" Elbow Test Band 39 30; other readings were above nominal-CA	9- 20+	3" Elbow Test Band 27-30 wall loss throughout elbow, the thinnest reading was 0.187" with nominal 0.300".	N/A	UT the vessel and particularly the band 27-30. This was a concern in 2010.	Low CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6 NB55857	E	E0495.123456789C	AIR RECEIVER	AIR RECEIVER N	1994		IN SERVICE 2	O SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN and national Board # stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval.	Readings were at or above nominal	20+	Bottom Head Test Band 54-25 Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		Low CODY SCHEU (CNF ABSA IBPV - 453	
09-01-083-10W6	E	E6851.1234567890T	AIR RECEIVER	AIR RECEIVER N	1976		IN SERVICE 2	O SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding, insulation and cladding appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and MWS # stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within t required interval guidelines. Assign inspection interval. (ALT JUR# MWS54899)		20+	West Head Test Band 4-05, the thinnest reading was 0.123" with assumed nominal 0.127" Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6	SFW 5400318 E	E6851.1234567890T	AIR RECEIVER	AIR RECEIVER N	1976		IN SERVICE 2	0 SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external surface coating appear good. Associated piping, supports and components appear good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWS54907)	Readings were at or above nominal	20+	South Shell Test Band 50-10 Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	!	Low CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6	SF-143160	M0987.5C	AIR DRYER	DRYER	2006	STEEL FAB	IN SERVICE 2	5 SWEET 5/31/2010	60	UT/VE-2010		All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external surface coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWS54900)	Readings were in the range of 0.077"-0.089" with nominal 0.094". Material of Heads and the shell is SA45		Bottom Head Test Band 52-20 Yes	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	!	Low CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 2016
09-01-083-10W6	SF-145303	M0987.5C	AIR DRYER	DRYER N	2006	STEEL FAB	IN SERVICE 2	5 SWEET 5/31/2010	60	UT/VE-2010	Suitable to be returned to service; No repairs required	All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external surface coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has CRN, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines. Assign inspection interval. (ALT JUR# MWS54901)	Reading were in the range of 0.080"- 0.090" wth nomina 0.094". The material of heads and shell is SA-455	al 20+	Bottom Head Test Band 53-20, the thinnest reading was 0.080"	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.	2	Low CODY SCHEU (CNF ABSA IBPV - 453	RL) - 3 72 2016
09-01-083-10W6 C46243			SALT BATH HEATER	LINE HEATER N	1978		OUT OF SERVICE	5 225 SWEET 8/31/2011	. 60	VE/VI/UT/MT-2011 c	This heater is in good condition, visual external and internal carried out, no corrosion or pitting detected. Ultrasonic thickness survey carried out on Condensate coil – no metal thickness detected below nominal.	External inspection: Fire tube closure flange had been leaking salt – the original problem that led to this inspection. Saddle: Welded directly to skid frame – no buckling or distortion to saddles. Skid frame sits on pilings. 1 Vessel is 100% insulated – 1 open section of cladding – no wet insulation. Front section at fire tube access area has been removed to facilitate fire tube removal and install new gasket – area had been leaking salt. Saddle: weld is cracked to the pad on the vessel but not cracked into the shell – left as is. No corrosion at attachment welds to vessel – no leaks. Ground wire attached to skid. Anchor bolts were welded to skid. Stud threads are fully engaged to nuts – no short bolts. No damage or deflection – no leaks. Nozzles are not gusseted. Piping is well supported – all clamps and supports are in place. No structural overloads or deflections.	No UT report of 2011 was found; 2010 UT report: Readings of the shell were in the range of the shell were in the shell were in the range of the shell were in the	- 1 20±	Left Bottom Shell Test Band 47- 20, the thinnest readign was 0.205" with nominal 0.250"	There are no Issues, NCRs or wor requests that would prevent the inspection interval from being extended to 72 months in accordance with AB 506.		CODY SCHEU (CNF ABSA IBPV - 453	RL) - 72 2016