

Inspection Summary										Maxitak Export Information										Ultrasonic Thickness Inspection Data										Assessment Results									
#	Facility	LSO	Criticality Designation (1 to 5)	Inspection Required (UT/VE/MT)	Inspection Performed (UT/VE/MT)	Attachment #	Equipment Description	Survey (T/N)	Year Built (yr)	MAWP (psi)	Sweld/Sour	CML Location (Shell, Head, Nozzle or Flange)	CML	Previous Year	Current Year	Previous Thickness (inches)	Current Thickness (inches)	Thin (inches)	Corrosion Rate (inches/year)	Remaining Life (Years)	Comments	Max Interval (Years)	Assessed Interval (Years)	Last Rtg Inspection Date (Year)	Next Inspection Date (Year)	NCR	Deficiency/Action Items												
1	DRUMHELLER 1461	04-08-031-18W4	YELLOW	UT/VE	UT/VE	A0179875	FLARE WACKOUT SEPARATOR	N	1982	1440	SWEET	Shell	25	2003	2010	0.520	0.476	0.368	0.006	14			10	4			2015		Inspected 2011										
5	DRUMHELLER 1461	04-08-031-18W4	YELLOW	UT/VE	UT/VE	A0190243	INLET WEST SEPARATOR	N	1982	720	SWEET	Shell	25	2003	2010	0.783	0.753	0.601	0.004	35			10	7			2017												
7	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0150378	INLET EAST SEPARATOR	N	1983	720	SWEET	Shell	15	2003	2010	0.782	0.761	0.655	0.006	16			10	6			2018												
11	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0202878	1ST STG INLET SCRUBBER	N	1984	675	SWEET	Head	5	2003	2010	0.618	0.571	0.319	0.001	154							2016												
12	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0202879	1ST STG SUCTION BOTTLE	N	1984	675	SWEET	Head	10	1984	2010	0.500	0.472	0.290	0.001	189			6	6			2016												
13	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	VE/MT	A0202880	1ST STG DISCHARGE BOTTLE	N	1984	955	SWEET	Head	5	1984	2010	0.625	0.569	0.319	0.001	155				5	5			2015											
14	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0202881	2ND STG INLET SCRUBBER	N	1982	675	SWEET	Head	10	2003	2010	0.513	0.470	0.227	0.006	78			6	6			2016												
15	DRUMHELLER 1461	04-08-031-18W4	YELLOW	UT/VE/MT	UT/VE/MT	A0202882	2ND STG SUCTION BOTTLE	N	1984	1269	SWEET	Head	5	2003	2010	0.543	0.477	0.340	0.007	143				6	6			2016											
16	DRUMHELLER 1461	04-08-031-18W4	YELLOW	UT/VE/MT	VE/MT	A0202883	2ND STG DISCHARGE BOTTLE	N	1984	1250	SWEET	Head	20	1984	2010	0.625	0.556	0.268	0.003	109			6	5			2015												
17	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0202884	FUEL GAS BOTTLE	N	1984	50	SWEET	Head	5	2003	2010	0.320	0.232	0.043	0.013	15			10	7			2017												
18	DRUMHELLER 1461	04-08-031-18W4	YELLOW	UT/VE/MT	UT/VE/MT	A0204008	1ST STG SUCTION BOTTLE	N	1982	917	SWEET	Shell	15	2003	2010	0.614	0.569	0.470	0.004	33				6	6			2016											
19	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204009	1ST STG DISCHARGE BOTTLE	N	1982	955	SWEET	Head	5	1982	2010	0.560	0.560	0.406	0.001	203			6	6			2016												
20	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204010	2ND STG SUCTION BOTTLE	N	1982	1269	SWEET	Head	15	2003	2010	0.594	0.517	0.340	0.011	16			6	5			2015												
21	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204011	2ND STG DISCHARGE BOTTLE	N	1982	1562	SWEET	Head	10	1982	2010	0.706	0.716	0.515	0.003	179			6	6			2016												
22	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204029	2ND STG INLET SCRUBBER	N	1982	1249	SWEET	Head	20	2003	2010	0.610	0.596	0.458	0.006	32				5	5			2015											
23	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0204030	1ST STG INLET SCRUBBER	N	1982	917	SWEET	Head	10	2003	2010	0.611	0.597	0.440	0.010	17			6	6			2016												
26	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0204420	2ND STG INLET SCRUBBER	N	1982	675	SWEET	Head	25	2003	2010	0.625	0.487	0.272	0.005	40			6	6			2016												
27	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204421	1ST STAGE SUCTION BOTTLE	N	1982	630	SWEET	Head	5	1982	2010	0.237	0.245	0.093	0.003	673			6	5			2015												
28	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204422	1ST STG DISCHARGE BOTTLE	N	1982	630	SWEET	Head	15	1982	2010	0.314	0.363	0.259	0.003	268							2016												
30	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204432	2ND STG SUCTION BOTTLE	N	1982	675	SWEET	Head	10	2003	2010	0.535	0.446	0.148	0.013	23				6	6			2016											
31	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204433	2ND STG DISCHARGE BOTTLE	N	1982	1290	SWEET	Head	20	1982	2010	0.300	0.281		0.001								2015		Initial New Nameplate										
32	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0204434	FUEL GAS SCRUBBER	N	1983	50	SWEET	Head	10	2003	2010	0.405	0.396	0.071	0.006	53			10	10			2020												
37	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE/MT	UT/VE/MT	A0204442	1ST STG INLET SCRUBBER	N	1982	672	SWEET	Head	10	2003	2010	0.507	0.466	0.289	0.006	30				6	6			2016											
39	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0209456	FUEL GAS BOTTLE	N	1983	50	SWEET	Head	5	2003	2010	0.397	0.370	0.043	0.004	85			10	10			2020												
39	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0221129	GAS/GAS EXCHANGER	N	1983	1200	SWEET	Head	10	1983	2010	0.216	0.219	0.136	0.000					5	5			2015	Repair damaged insulation. Cut inspection ports										
40	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0221130	GAS CHILLER	N	1983	250	SWEET	Head	30	2003	2010	0.409	0.368	0.211	0.003	59			10	5			2015	Cut inspection ports in insulation											
41	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0221140	SURGE RECEIVER	N	1983	250	SWEET	Head	35	2003	2010	0.549	0.509	0.209	0.005	51			10	10			2020												
42	DRUMHELLER 1461	04-08-031-18W4	GREEN	UT/VE	UT/VE	A0221141	SUCTION SCRUBBER	N	1983	250	SWEET	Head	30	2003	2010	0.549	0.508	0.196					10	5			2015	Cut inspection ports in insulation											




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43	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	A0221187	COLD SEPARATOR	N	1983	1200	Shell Head Nozzle Piping							0.883 0.725			no ut on in 2010. Vessel fully insulated	10	5		2010	2015		Out Inspection ports in insulation											
44	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	A0221198	DE-ETHANIZER TOWER	N	1983	400	Shell Head Nozzle Piping							0.785 0.639	0.787 0.762	0.000	No corrosion		10	5		2010	2015												
45	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE/MT	UT/VE	A0227279	NGL BULLET	N	1986	250	Shell Head Nozzle Piping							0.154 0.880 0.775	0.138 0.838 0.724	0.017 0.003 0.007	0.001 0.003 0.007	181 37 20	missing 2006 records (Also) Full inspection due in 2016	10	10		2006	2016											
46	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	A2638228	VERTICAL SEPARATOR	N	1993	1400	Shell Head Nozzle Piping							0.258 1.750	0.252 1.750	0.000	No corrosion		10	10		2010	2020												
47	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE/MT	UT/VE	C23891	GLYCOL HEATER	N	1983	400	Shell Head Nozzle Piping							0.229 0.415 0.372	0.229 0.415 0.372	0.005 0.006 0.004	0.000 0.000 0.000	889 No corrosion No corrosion	10	5		2006	2015												
48	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	C23892	REFRIGERANT OIL SEPARATOR	N	1987	250	Shell Head Nozzle Piping							0.187 0.216 0.502	0.187 0.216 0.502	0.000 0.026 0.000	547 No corrosion No corrosion	10	5		2010	2015													
51	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	N9437	COOLER EXCHANGER	N	1982	645	Shell Head Nozzle Piping									0.000	No corrosion		10	5		2010	2015												
52	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	N9432	COOLER EXCHANGER	N	1982	1250	Shell Head Nozzle Piping									0.000	No corrosion		10	5		2010	2015												
53	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	N9443	1ST STAGE COOLER EXCHANGER	N	1982	645	Shell Head Nozzle Piping									0.000	No corrosion		10	5		2010	2015												
54	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	N9444	2ND STAGE COOLER EXCHANGER	N	1982	1500	Shell Head Nozzle Piping									0.000	No corrosion		10	5		2010	2015												
57	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	N9484	2ND STAGE COOLER EXCHANGER	N	1994	1250	Shell Head Nozzle Piping									0.000	No corrosion		10	5		2010	2015												
58	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	N9485	1ST STAGE COOLER EXCHANGER	N	1994	1250	Shell Head Nozzle Piping									0.000	No corrosion		10	5		2010	2015												
60	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	RAE5391	FUEL GAS SCRUBBER	N	1994	150	Shell Head Nozzle Piping									0.005			10			2010	2020												
61	DRUMHELLER 1491	04-09-031-18W4	GREEN	UT/VE	UT/VE	RAE5393	START GAS SCRUBBER	N	2002	285	Shell Head Nozzle Piping									0.000			10			2010	2020												

Print Name

Signature

Asset Integrity Operations Foreman

Darren Welch

Pesl # 0000820

08/09/2015

Give overview