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Differentials and Temperatures

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DIFF. & TEMPS.

DIFFERENTIALS & TEMPERATURES						
	DATE	5-Nov-01				
	SHIFT	7/3 SHIFT		3/11 SHIFT		11/7 SHIFT
	FOREMAN	R.Howard		G. BLACK		T. Lesniewski
	TIME	5:30 a.m.	1:20 p.m.	2:30 p.m.	8:45 p.m.	11:30 p.m. 5:00 a.m.
	PRIMARY COOLER TEMP.		75	75	76	75 76
	PRIMARY COOLER OUTLET TEMP. (N/S)	/ DN	75/ DN	37/ DN	37/ DN	37/ DN 37/ DN
	PLATE & FRAMES OUTLET TEMP. (N/S)		36/ 36	36/ 36	36/ 36	36/ 36 36/ 36
	CIRCULATING LIQUOR PRESSURE	BUSY	103 E	103E	103E	103 E 102 E
	FLUSHING LIQUOR PRESSURE		52 E	48E	52E	54 E 54 E
	KINNEY STRAINER PRESSURE	EXH	48	46	48	50 50
	EXHAUSTER SUCTION (BEFORE/AFTER 1'S)	ROOM	93 / 135	56 / 110	64 / 106	65 / 100 65 / 100
	TAR PRECIPATATORS AMPS (1/2/3)	DN / DN /	DN / DN / 48	DN / DN / 48	DN / DN / 48	DN / DN / 48 DN / DN / 48
	TAR PRECIPATATORS VOLTS (#1 // #2)	DN / DN	DN / DN	DN / DN	DN / DN	DN / DN DN / DN
	TAR PRECIPATATOR VOLTS (#3)		256	263	243	245 244
	HEAD PRESSURE	CONTRACTORS	119	177	72	97 81
	FUEL GAS PRESSURE		52	52	49	52 50
	SECONDARY COOLER TEMP.	POWER	21	22	20	21 21
	FUEL GAS TEMP.	HOUSE	21	20	18	18 18
	WASH OIL FLOW (1%)	DN	DN	DN	DN	DN DN
	WASH OIL TEMP. TO STILL	"	"	"	"	" "
	L.O. STILL VAPOR TEMP.	"	"	"	"	" "
	L.O. STILL PRESSURE (TOP/BOTTOM)	"	"	"	"	" "
	SEPERATING RING TEMP.	"	"	"	"	" "
	CONDENSER DISCHARGE WATER TEMP.	"	"	"	"	" "
	WASH OIL COOLER OIL TEMP. (IN/OUT)	"	"	"	"	" "
	WASH OIL COOLER WATER TEMP. (IN/OUT)	MAINT.	"	"	"	" "
	SULFATE SPECIFIC GRAVITY		1.148	1.156	1.179	1.191 1.203
	SULFATE ACID CONCENTRATION %		3.8%	4.0%	3.3%	3.0% 3.0%
	TAR DECANTER TEMP. (N/S)	DN / DN /	DN / DN / 72	DN / DN / 73	DN / DN / 70	DN / DN / 71 DN / DN / 71
	TAR COLLECTOR TEMP.		88	87	87	82 82
	LOAD OUT TANK TEMP.		82	88	91	91 90
	TAR DECANTER LEVELS (N/S)	DN / DN /	DN / DN / 30	DN / DN / 30	DN / DN / 30	DN / DN / 30 DN / DN / 25
	TAR COLLECTOR LEVEL		M	M	M	M M
	LOAD OUT TANK LEVEL		18.11	17.64	16.76	17.84 16.44
	TAR TRUCKS LOADED		1		0	1 1
	LIGHT OIL TRUCKS LOADED		0		0	0 0
	SULFATE TRUCKS LOADED		0		0	0 0
	HEATED SECONDARY COOLER		NO		O	NO NO
	<b>TAR MOVEMENT</b>			QUENCH TIME	QUENCH TIME	31 / 30
				GAS PUMP	AMM. STILL FLOW RATE	90
	#1 PLATE & FRAME LIQ. FLOW RATE		1485	1481	1483	1481 1481
	#2 PLATE & FRAME LIQ. FLOW RATE		1336	1336	1331	1330 1334



DIFF. & TEMPS.

DIFFERENTIALS & TEMPERATURES								
	DATE	4-Nov-01						
		SHIFT	7/3 SHIFT		3/11 SHIFT		11/7 SHIFT	
		FOREMAN	R. Howard		G. BLACK		T. Lesniewski	
		TIME	5:258 a.m.	1:30 p.m.	2:30 p.m.	8:40 p.m.	11:30 p.m.	5:00 a.m.
		PRIMARY COOLER TEMP.	74	75	75	75	75	75
		PRIMARY COOLER OUTLET TEMP. (N/S)	36 / DN	37 / DN	37 / DN	37 / DN	37 / DN	37 / DN
		PLATE & FRAMES OUTLET TEMP. (N/S)	36 / 36	36 / 36	36 / 36	36 / 36	36 / 36	36 / 36
		CIRCULATING LIQUOR PRESSURE	103 E	103 E	103E	103E	102 E	102 E
		FLUSHING LIQUOR PRESSURE	52 E	52 E	52E	54E	54 E	54 E
		KINNEY STRAINER PRESSURE	48	48	48	50	50	50
		EXHAUSTER SUCTION (BEFORE/AFTER 1'S)	98 / 103	99 / 136	94 / 131	86 / 121	95 / 130	95 / 135
		TAR PRECIPITATORS AMPS (1/2/3)	DN / DN / 48	DN / DN / 48	DN/DN/ 48	DN/DN/ 48	DN / DN / 48	DN / DN / 48
		TAR PRECIPITATORS VOLTS (#1 // #2)	DN/DN	DN/DN	DN/DN	DN/DN	DN/DN	DN/DN
		TAR PRECIPITATOR VOLTS (#3)	241	241	238	245	241	242
		HEAD PRESSURE	113	111	98	109	72	81
		FUEL GAS PRESSURE	52	52	51	51	51	50
		SECONDARY COOLER TEMP.	20	20	21	21	21	21
		FUEL GAS TEMP.	21	21	19	18	18	18
		WASH OIL FLOW (1%)	DN	DN	DN	DN	DN	DN
		WASH OIL TEMP. TO STILL	"	"	"	"	"	"
		L.O. STILL VAPOR TEMP.	"	"	"	"	"	"
		L.O. STILL PRESSURE (TOP/BOTTOM)	"	"	"	"	"	"
		SEPERATING RING TEMP.	"	"	"	"	"	"
		CONDENSER DISCHARGE WATER TEMP.	"	"	"	"	"	"
		WASH OIL COOLER OIL TEMP. (IN/OUT)	"	"	"	"	"	"
		WASH OIL COOLER WATER TEMP. (IN/OUT)	"	"	"	"	"	"
		SULFATE SPECIFIC GRAVITY			1.174	1.193	1.205	1.117
		SULFATE ACID CONCENTRATION %			4.5%	4.0%	4.0%	3.5%
		TAR DECANTER TEMP. (N/S)	DN / DN / 70	DN / DN / 73	DN/DN/71	DN/DN/ 72	DN / DN / 71	DN / DN / 71
		TAR COLLECTOR TEMP.	86	88	78	75	82	85
		LOAD OUT TANK TEMP.	82	82	86	86	86	86
		TAR DECANTER LEVELS (N/S)	DN / DN / 22	DN / DN / 26	DN/DN/ 30	DN/DN/ 22	DN / DN / 30	DN / DN / 22
		TAR COLLECTOR LEVEL	M	M	M	M	M	M
		LOAD OUT TANK LEVEL	13.72	17.67	17.79	16.68	18.14	18.97
		TAR TRUCKS LOADED		0		0		0
		LIGHT OIL TRUCKS LOADED		0		0		0
		SULFATE TRUCKS LOADED		0		0		1
		HEATED SECONDARY COOLER		NO		O		NO
		TAR MOVEMENT				QUENCH TIME	QUENCH TIME	
							31 / 30	
						GAS PUMP	AMM. STILL FLOW RATE	
							90	
		#1 PLATE & FRAME LIQ. FLOW RATE	1482	1485	1483	1479	1483	1481
		#2 PLATE & FRAME LIQ. FLOW RATE	1342	1336	1335	1338	1332	1337



DIFF. & TEMPS.

DIFFERENTIALS & TEMPERATURES						
	DATE	2-Nov-01				
		SHIFT	7/3 SHIFT		3/11 SHIFT	
		FOREMAN	R.Howard		G. BLACK	
		TIME	5:25 a.m.	1:29 p.m.	3:10 p.m.	8:45 p.m.
					11:30 p.m.	5:00 a.m.
		PRIMARY COOLER TEMP.	76	74	73	73
		PRIMARY COOLER OUTLET TEMP. (N/S)	37 / DN	36 / DN	36 / DN	36 / DN
		PLATE & FRAMES OUTLET TEMP. (N/S)	36 / 36	36 / 36	36 / 36	36 / 36
		CIRCULATING LIQUOR PRESSURE	103 E	103 E	103E	103E
		FLUSHING LIQUOR PRESSURE	53 E	56 E	56E	56E
		KINNEY STRAINER PRESSURE	48	52	52	52
		EXHAUSTER SUCTION (BEFORE/AFTER 1'S)	80 / 110	82 / 111	90 / 121	117 / 148
		TAR PRECIPATATORS AMPS (1/2/3)	DN / DN / 48	DN / DN / 48	DN/DN/ 48	DN/DN/ 48
		TAR PRECIPATATORS VOLTS (#1 // #2)	DN/DN	DN/DN	DN/DN	DN/DN
		TAR PRECIPATATOR VOLTS ( #3 )	242	240	238	242
		HEAD PRESSURE	94	98	120	142
		FUEL GAS PRESSURE	52	52	51	51
		SECONDARY COOLER TEMP.	21	21	21	21
		FUEL GAS TEMP.	21	22	21	19
		WASH OIL FLOW (1%)	DN	DN	DN	DN
		WASH OIL TEMP. TO STILL	"	"	"	"
		L.O. STILL VAPOR TEMP.	"	"	"	"
		L.O. STILL PRESSURE (TOP/BOTTOM)	"	"	"	"
		SEPERATING RING TEMP.	"	"	"	"
		CONDENSER DISCHARGE WATER TEMP.	"	"	"	"
		WASH OIL COOLER OIL TEMP. (IN/OUT)	"	"	"	"
		WASH OIL COOLER WATER TEMP. (IN/OUT)	"	"	"	"
		SULFATE SPECIFIC GRAVITY	1.134	1.15	1.156	1.171
		SULFATE ACID CONCENTRATION %	3.3%	3.6%	5.0%	4.2%
		TAR DECANTER TEMP. (N/S)	DN / DN / 66	DN / DN / 68	DN/DN/ 70	DN/DN/ 70
		TAR COLLECTOR TEMP.	93	96	94	94
		LOAD OUT TANK TEMP.	82	81	80	80
		TAR DECANTER LEVELS (N/S)	DN / DN / 28	DN / DN / 28	DN/DN/ 30	DN/N/ 28
		TAR COLLECTOR LEVEL	H	M	M	M
		LOAD OUT TANK LEVEL	12.42	13	13.66	13.25
		TAR TRUCKS LOADED		0		0
		LIGHT OIL TRUCKS LOADED		0		0
		SULFATE TRUCKS LOADED		0		0
		HEATED SECONDARY COOLER		NO		O
		TAR MOVEMENT			QUENCH TIME	QUENCH TIME
						31 / 30
					GAS PUMP	AMM. STILL FLOW RATE
						80
		#1 PLATE & FRAME LIQ. FLOW RATE	1483	1479	1481	1479
		#2 PLATE & FRAME LIQ. FLOW RATE	1333	1331	1333	1326
						1481
						1334



DIFF. & TEMPS.

DIFFERENTIALS & TEMPERATURES						
	DATE	1-Nov-01				
	SHIFT	7/3 SHIFT		3/11 SHIFT		11/7 SHIFT
	FOREMAN	J. SANGSTER		T. Lesniewski		T. Lesniewski
	TIME	6:00 a.m.	11:00 a.m.	2:30 p.m.	9:15 p.m.	12:00 a.m. 5:00 a.m.
	PRIMARY COOLER TEMP.	75	75		75	74 75
	PRIMARY COOLER OUTLET TEMP. (N/S)	37 / DN	37 / DN	/ DN	37 / DN	37 / DN 37 / DN
	PLATE & FRAMES OUTLET TEMP. (N/S)	36 / 36	36 / 36	BUSY ON	36 / 36	36 / 36 36 / 36
	CIRCULATING LIQUOR PRESSURE	103 E	103 E	SOUTH	102 E	102 E 102 E
	FLUSHING LIQUOR PRESSURE	52 E	54 E	END	52 E	52 E 54 E
	KINNEY STRAINER PRESSURE	48	47	HELPING	48	48 48
	EXHAUSTER SUCTION (BEFORE/AFTER 1'S)	100 / 140	100 / 140	TEMP.	100 / 140	100 / 140 100 / 140
	TAR PRECIPATATORS AMPS (1/2/3)	DN / DN / 48	DN / DN / 48	DN / DN /	DN / DN / 48	DN / DN / 48 DN / DN / 48
	TAR PRECIPATATORS VOLTS (#1 // #2)	DN/DN	DN/DN	DN/DN	DN/DN	DN/DN DN/DN
	TAR PRECIPATATOR VOLTS (#3)	236	232		238	236 237
	HEAD PRESSURE	80	75	ASST.	75	80 71
	FUEL GAS PRESSURE	52	52	OPER.	50	51 52
	SECONDARY COOLER TEMP.	21	21	WITH	21	21 21
	FUEL GAS TEMP.	21	21	PROBLEM	21	21 21
	WASH OIL FLOW (1%)	DN	DN	DN	DN	DN DN
	WASH OIL TEMP. TO STILL	"	"	"	"	" "
	L.O. STILL VAPOR TEMP.	"	"	"	"	" "
	L.O. STILL PRESSURE (TOP/BOTTOM)	"	"	"	"	" "
	SEPERATING RING TEMP.	"	"	"	"	" "
	CONDENSER DISCHARGE WATER TEMP.	"	"	"	"	" "
	WASH OIL COOLER OIL TEMP. (IN/OUT)	"	"	"	"	" "
	WASH OIL COOLER WATER TEMP. (IN/OUT)	"	"	"	"	" "
	SULFATE SPECIFIC GRAVITY	1.171	1.188		1.078	1.098 1.112
	SULFATE ACID CONCENTRATION %	3.6%	4.0%		3.5%	3.5% 3.4%
	TAR DECANTER TEMP. (N/S)	DN / DN / 70	DN / DN / 70	DN / DN /	DN / DN / 70	DN / DN / 71 DN / DN / 71
	TAR COLLECTOR TEMP.	78	78		93	93 93
	LOAD OUT TANK TEMP.	82	82		68	68 76
	TAR DECANTER LEVELS (N/S)	DN / DN / 30	DN / DN / 30	DN / DN /	DN / DN / 25	DN / DN / 30 DN / DN / 20
	TAR COLLECTOR LEVEL	M	M		M	M M
	LOAD OUT TANK LEVEL	14.15	15.77		13.18	13.01 12.94
	TAR TRUCKS LOADED		2		1	0
	LIGHT OIL TRUCKS LOADED		0		0	0
	SULFATE TRUCKS LOADED		1		0	0
	HEATED SECONDARY COOLER		NO		NO	NO
	<b>TAR MOVEMENT</b>				QUENCH TIME	QUENCH TIME
					31 / 30	31 / 30
					GAS PUMP	AMM. STILL FLOW RATE
					NO READING	80
	#1 PLATE & FRAME LIQ. FLOW RATE	1481	1489		1480	1481 1485
	#2 PLATE & FRAME LIQ. FLOW RATE	1338	1339		1334	1337 1333







DIFF. & TEMPS.

DIFFERENTIALS & TEMPERATURES							
	DATE	30-Oct-01					
	SHIFT		7/3 SHIFT		3/11 SHIFT		11/7 SHIFT
	FOREMAN		J. SANGSTER		R.Howard		T. Lesniewski
	TIME		6:00 a.m.	11:00 a.m.	1:35 p.m.	9:30 p.m.	11:00 p.m. 5:00 a.m.
	PRIMARY COOLER TEMP.		77	74	77	77	76 76
	PRIMARY COOLER OUTLET TEMP. (N/S)		37 / DN	36 / DN	37 / DN	37 / DN	37 / DN 37 / DN
	PLATE & FRAMES OUTLET TEMP. (N/S)		36 / 36	36 / 36	36 / 36	36 / 36	36 / 36 36 / 36
	CIRCULATING LIQUOR PRESSURE		103 E	103 E	103 E	103 E	102 E 102 E
	FLUSHING LIQUOR PRESSURE		52 E	54 E	52 E	53 E	52 E 54 E
	KINNEY STRAINER PRESSURE		47	49	47	48	48 48
	EXHAUSTER SUCTION (BEFORE/AFTER 1'S)		120 / 170	100 / 140	70 / 103	89 / 134	100 / 150 95 / 135
	TAR PRECIPATATORS AMPS (1/2/3)		DN / DN / 48	DN / DN / 48	DN / DN / 48	DN / DN / 48	DN / DN / 48 DN / DN / 48
	TAR PRECIPATATORS VOLTS (#1 // #2)		DN/DN	DN/DN	DN/DN	DN/DN	DN/DN DN/DN
	TAR PRECIPATATOR VOLTS ( #3 )		253	245	252	238	239 244
	HEAD PRESSURE		140	130	168	82	105 138
	FUEL GAS PRESSURE		52	52	52	52	52 52
	SECONDARY COOLER TEMP.		21	21	21	21	21 21
	FUEL GAS TEMP.		19	20	19	19	20 20
	WASH OIL FLOW (1%)		DN	DN	DN	DN	DN DN
	WASH OIL TEMP. TO STILL		"	"	"	"	" "
	L.O. STILL VAPOR TEMP.		"	"	"	"	" "
	L.O. STILL PRESSURE (TOP/BOTTOM)		"	"	"	"	" "
	SEPERATING RING TEMP.		"	"	"	"	" "
	CONDENSER DISCHARGE WATER TEMP.		"	"	"	"	" "
	WASH OIL COOLER OIL TEMP. (IN/OUT)		"	"	"	"	" "
	WASH OIL COOLER WATER TEMP. (IN/OUT)		"	"	"	"	" "
	SULFATE SPECIFIC GRAVITY		1.124	1.148	1.168	1.191	1.197 1.216
	SULFATE ACID CONCENTRATION %		4.0%	4.0%	3.8%	3.9%	3.7% 3.5%
	TAR DECANTER TEMP. (N/S)		DN / DN / 72	DN / DN / 67	DN / DN / 73	DN / DN / 67	DN / DN / 72 DN / DN /
	TAR COLLECTOR TEMP.		84	82	80	88	74 71
	LOAD OUT TANK TEMP.		88	80	80	80	80 78
	TAR DECANTER LEVELS (N/S)		DN / DN / 22	DN / DN / 25	DN / DN / 30	DN / DN / 30	DN / DN / 25 DN / DN /
	TAR COLLECTOR LEVEL		M	H	M	M	M M
	LOAD OUT TANK LEVEL		10.09	19.06	20.87	14.83	13.1 13.01
	TAR TRUCKS LOADED			0		4	1
	LIGHT OIL TRUCKS LOADED			0		0	0
	SULFATE TRUCKS LOADED			0		0	1
	HEATED SECONDARY COOLER			NO		NO	NO
	<u>TAR MOVEMENT</u>						
					QUENCH TIME	QUENCH TIME	
					31&30	31 / 30	
					GAS PUMP	AMM. STILL FLOW RATE	
					5568	80	
	#1 PLATE & FRAME LIQ. FLOW RATE		1488	1486	1483	1489	1481 1331
	#2 PLATE & FRAME LIQ. FLOW RATE		1338	1333	1329	1330	1339