

KETTLE USAGE LOG SHEET

ARR-MAZ CUSTOM CHEMICALS FACILITY ID (1050097) / EUID (006)

PERMIT NO.:1050097-025-AO

FDEP AIR PERMIT REQUIRES THAT THE FOLLOWING INFORMATION BE LOGGED

FOR EACH BATCH MADE IN K2 - K4 - K5

(SEE FDEP AIR PERMIT FOR CLARIFICATION)

1ST SET OF READINGS MUST BE LOGGED PRIOR TO START OF BATCH

2ND SET OF READINGS WHILE BATCH IS BEING MANUFACTURED

HOURLY THERMAL OXIDIZER OUTLET TEMPERATURE READINGS ARE REQUIRED WHEN PRODUCING SULFURIZED CRUDE TALL OILS

(USE T.O. TEMPERATURE LOG AND ATTACH IT TO THIS SHEET)

EMPTY THE COLLECTOR TANK BEFORE THE START OF EACH BATCH

ALL SCRUBBERS USE SODIUM HYDROXIDE AS THE SCRUBBER LIQUID

SCRUBBER SOLUTION MUST BE CHANGED OUT EVERY WEEKEND

DATE	KETTLE NUMBER	PRODUCT	BATCH NUMBER	STARTING WEIGHT	FINISH WEIGHT	START TIME	FINISH TIME	SCRUBBER ID	SCRUBBER FLOW RATE	SCRUBBER PH	CONDENSER OUTLET TEMP	OPERATOR
3-23-12	K5	6876	070182	62378	/	1:20	/	919	11.67	8.6	/	JD
3-24-12	"	"	"	/	60089	/	9:50	"	11.66	8.4	154	JD

DATE	KETTLE NUMBER	PRODUCT	BATCH NUMBER	STARTING WEIGHT	FINISH WEIGHT	START TIME	FINISH TIME	SCRUBBER ID	SCRUBBER FLOW RATE	SCRUBBER PH	CONDENSER OUTLET TEMP	OPERATOR
3-24-12	K-4	CAT 101	070161	65000	/	0045	/	922	49	9.3	69.8	RGT
"	"	"	"	/	63007	/	8:50	"	49	9.3	123°	JD

DATE	KETTLE NUMBER	PRODUCT	BATCH NUMBER	STARTING WEIGHT	FINISH WEIGHT	START TIME	FINISH TIME	SCRUBBER ID	SCRUBBER FLOW RATE	SCRUBBER PH	CONDENSER OUTLET TEMP	OPERATOR
3-24-12	K-4	ACRA 500	070175	65000	/	1:00	/	922	49	8.8	/	RGT
3-25-12	"	"	"	/	62964	/	4:00	"	49	9.3	144°	JD

DATE	KETTLE NUMBER	PRODUCT	BATCH NUMBER	STARTING WEIGHT	FINISH WEIGHT	START TIME	FINISH TIME	SCRUBBER ID	SCRUBBER FLOW RATE	SCRUBBER PH	CONDENSER OUTLET TEMP	OPERATOR
3-25-12	K-5	IRA 6580	070185	65000	/	0300	/	919	11.12	8.9	/	RGT
3-26-12	K5	IRA 6580	070185	/	62636	/	1:30	919	11.62	8.0	146	GJ

DATE	KETTLE NUMBER	PRODUCT	BATCH NUMBER	STARTING WEIGHT	FINISH WEIGHT	START TIME	FINISH TIME	SCRUBBER ID	SCRUBBER FLOW RATE	SCRUBBER PH	CONDENSER OUTLET TEMP	OPERATOR
3-26-12	K-4	IRA 6500	070205	65000	/	1:00	/	922	49	8.6	/	GJ
3-27-12	"	"	"	/	62697	/	0:15	922	49	9.1	148.3	RGT