



**YORK**

**Steam-Fired ParaFlow™ Unit Log Sheet**

CUSTOMER NAME	DuPont X-station		
JOB LOCATION		MODEL	YPCST226CXA
SERIAL NO.	G/LCM157836	YORK ORDER NO.	
DATE	5/29/08	BY	KEVIN FRAZIE
PURPOSE OF TEST			

Machine Operating Mode: Chilling ABS #1

ITEM	Field Data	Field Data	Field Data
<b>HOURMETER</b>	17902	17904	
<b>CAPACITY CONTROL POSITION (% open)</b>	73	72	73%
<b>STEAM</b>			
INLET PRESS. (PSI)	96		
INLET TEMP (°F)	314		
<b>CONDENSATE</b>			
FLOW RATE (lbs/hr)	11,200		
OUTLET TEMP (°F)	160		
OUTLET PRESS. (PSI)	12		
<b>CHILLED WATER</b>			
INLET TEMP. (°F)	51.3	52.0	52.0
OUTLET TEMP. (°F)	41.3	42.2	42.3
TEMP. DIFFERENCE (°F)			
FOULING FACTOR			
PASS ARRANGEMENT			
PRESSURE DROP (PSI)			
FLOW RATE (GPM)	3065		
TONS			
<b>TOWER WATER</b>			
ABS. INLET TEMP. (°F)	77.2	79.4	79.9
ABS. OUTLET TEMP. (°F)	87.0	86.0	87.5
TEMP. DIFFERENCE (°F)			
FOULING FACTOR			
PASS ARRANGEMENT			
COND. INLET TEMP. (°F)			
COND. OUT TEMP. (°F)	89.5	91.0	91.2
TEMP. DIFFERENCE (°F)			
FOULING FACTOR			
PASS ARRANGEMENT			
PRESSURE DROP (PSI)			
FLOW RATE (GPM)	5580	5600	
<b>1ST STAGE GENERATOR</b>			
SOLUTION IN (°F)	260	268	264
SOLUTION OUT (°F)	300.5	301	300
PRESSURE (mmHg abs.)	376.6	418	450
CONCENTRATION (% wt)	64.5%	64.4%	63.6%
LIQUID LEVEL	○	○	○
<b>2ND STAGE GENERATOR</b>			
SOLUTION IN (°F)	154	156	153
SOLUTION OUT (°F)	176	177	185
CONCENTRATION (% wt)	59.8%	60%	61%
REFRIGERANT OUT (°F)	164	165	170
LIQUID LEVEL	○	○	○

HT HEAT EXCHGR	SOLUTION TEMP (°F)	174	180.3	181
ABSORBER	SOL. OUTLET TEMP. (°F)	90	92	92
	PRESSURE (mmHg abs.)	5.25		
	SOL. CONCENT. (%)	57%	57.1%	57.1%
	STRG. SPRAY TEMP (°F)	113 / 61.2%	114	115
	WEAK SPRAY TEMP (°F)	97	98	98.5
	SOLUTION SIGHTGLASSES			
EVAPORATOR	SPECIFIC GRAVITY			
	REFRIGERANT TEMP (°F)	39.8	40.9	40.9
	REFRIG. SIGHTGLASSES			
CONDENSER	PRESSURE (mm Hg abs.)	730mm		
	REFRIG. OUT TEMP (°F)	96	97.5	96
SOL. PUMP (P1)	Voltage	461		
	Amperage	17.0		
	Disch. Press. (psi/in hg)	21.5 psi		
SOL. PUMP (P2) (Strong Sprays)	Voltage			
	Amperage	6.4		
	Disch. Press. (psi/in hg)	12 in Hg		
SOL. PUMP (P4) (Weak Sprays)	Voltage			
	Amperage	6.4		
	Disch. Press. (psi/in hg)			
REFR. PUMP (P3)	Voltage			
	Amperage	5.8		
	Disch. Press. (psi/in hg)			
CHARGE AMTS.	Solution (lbs @ ___%)			
	Refrigerant (lbs)			
	Alcohol (liters)			
STEAM VALVE	TOTAL STROKE (mm)			
	MINIMUM STROKE (mm)			
	MIN. OPENING (% open)			
	LEAK RATE (cc/min)			
	AMBIENT TEMP. (°F)			

Remarks: