FORM 155.17-F1 (1295)

YORK® YPC™ Inspection Report

FOR USE ON INSPECTION CONTRACT VISITS

Project Name: DuPont Experimental Station ID # ABS#4

Address:

Model No. YPCST226G46CXA Serial No: GNCM9423001 7 YORK Order: Hrs. of Operation: 18233/532 starts

By: Kevin Frazc Date: 9/25/07 Time: AM 1:00 PM

MACHINE OPERATING CODE: Chilling ☑ Heating ☐

% LOAD 67%/13,200 lbs/hr TYPE OF VISIT:

Chilled Water	Inlet Temp (°F) 10°F ΔT	53.0
	Outlet Temp (°F)	43.0
	ΔP (psi) GPM	3000
Condenser Water	Inlet Temp (°F)	73.3
	Outlet Temp (°F) ABS-80	82.4
	ΔP (psi) GPM	6000
High Temp Generator	Solution In Temp (°F)	242
	Solution Out Temp (°F)	285
	Pressure (mm HG)	316
	Concentration (%) (Optional)	65.9
Low Temp Generator	Solution In Temp (°F)	143
	Solution Out Temp (°F)	170
	Refrigerant Out Temp (°F)	164
	Concentration (%) (Optional)	60.1
Absorber	Solution Out Temp (°F)	89
6 mm Hg A	Sol. Concentration (%) (Required)	55.5
Weak/Strong	Abs. Spray Temp (°F)	92/110
Condenser	Refrigerant Out Temp (°F)	90.5
Evaporator	Refrigerant Temp (°F)	39.7
145°F cond.	Steam Models Stm. Inlet Press. (PSIG)	72
	Condensate Press. (PSIG)	15
Heat Rec. Models	Gas Ent. Temp (°F)	
	Gas Lvg. Temp (°F)	
Purge Counters (if applicable)	Auto Lifetime	1851
	Auto 7 Day	0
	Manual Lifetime	93
	Manual 7 Day	0

SERVICES PERFORMED

	Every Service Visit	Change/Over (Twice/yr.)	Performed As Required
1. Operational check of all controls			☑
2. Check refrigerant concentration		☐	
3. Refrigerant blowdown			☑
4. Refrigerant added _____ gals.		☐	
5. Refrigerant removed _____ gals.		☐	
6. Check solution level			☑
7. Solution added _____ gals.		☐	
8. Solution removed _____ gals.		☐	
9. Solution sample taken ☑ Yes ☐ No		☑	
10. Octyl alcohol added _____ gals.		☐	
11. Inhibitor / hydroxide added _____ type _____ lbs.		☐	
12. Perform air leakage test and indicate length of time (hrs.) Abso. _____ cc/min. Purge Tank _____ cc/min. _____ hrs.			☐
13. Check torque on carbon-type rupture disk flange			☐
14. Check unit level (once /yr.) ☐			
15. Steam units:			
a. Inspect needle and control valves		☑	
b. Take condensate sample		☐	
16. Heat Recovery units:			
a. Check control damper operation		☐	
b. Check bypass damper operation		☐	
17. Direct Fired units:			
a. Inspect Burner / Components			☐
b. Stack Temperature _____ °F _____ % O_2 _____ % CO_2			☐

Sketch Area: Pump Amperages @ 468 V

Weak - 6.5 A Main - 17.5 A

Strong - 6.5 A Refrig - 5.8 A

Remarks / Recommendations:

Purge Tank - 45 mm Hg A Chiller Tons - 1,250 Chiller Approach - 3.3°F

Absorber Subcooling - 3°F Condensor Tons - 2,275 Condensor Approach - 8.1°F

100 hrs / Purge since 7/5/07 Lbs/Hr/Ton - 10.6 Absorber Approach - 9°F

Chiller operation is normal at this time.

Customer Signature:

	EVAPORATOR	REFRIGERANT TANK	ABSORBER	HIGH TEMPERATURE GENERATOR	LOW TEMPERATURE GENERATOR
LIQUID LEVEL	O	●	● Tank O O O Main Shell	●	O

If unit has additional sight glasses, sketch in and indicate liquid level.

WHITE - District/Factory Service CANARY - District/Factory Service PINK - Customer/District Office GOLDENROD - Service Technician