FORM 155.17-F1 (1295)

YORK® YPC™ Inspection Report

FOR USE ON INSPECTION CONTRACT VISITS

Project Name: DuPont Experimental Station ID # ABS#3

Address:

Model No. YPC-ST22G46CXA Serial No: GADM23360 YORK Order: Hrs. of Operation: 19832

By: Kevin Fraze Date: 7/5/07 Time: 12:00 AM PM ✓

MACHINE OPERATING CODE: Chilling ☑ Heating ☐ % LOAD 60 TYPE OF VISIT:

Chilled Water	Inlet Temp (°F)	7.9°F Δt	52.4
	Outlet Temp (°F)		44.5
	ΔP (psi)	GPM	3000
Condenser Water	Inlet Temp (°F)	8.4°F Δt	77.7
	Outlet Temp (°F)		86.1
	ΔP (psi)	GPM	6000
High Temp Generator	Solution In Temp (°F)		235
	Solution Out Temp (°F)		265
	Pressure (mm HG)		298
	Concentration (%) (Optional)		66%
Low Temp Generator	Solution In Temp (°F)		138
	Solution Out Temp (°F)		160
	Refrigerant Out Temp (°F)		162
	Concentration (%) (Optional)		
Absorber	Solution Out Temp (°F)		89
	Sol. Concentration (%) (Required)		55.4
	Abs. Spray Temp (°F)		112
Condenser	Refrigerant Out Temp (°F)		89.5
Evaporator	Refrigerant Temp (°F)		41.8
Steam Models	Stm. Inlet Press. (PSIG)		90
	Condensate Press. (PSIG)		15
Heat Rec. Models	Gas Ent. Temp (°F)		
	Gas Lvg. Temp (°F)		
Purge Counters (if applicable)	Auto Lifetime		1698
	Auto 7 Day		0
	Manual Lifetime		101
	Manual 7 Day		0

1,500 lb/hr

SERVICES PERFORMED

	Performed As Required	Change/Over (Twice/yr.)	Every Service Visit
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:

Remarks / Recommendations:

Purge Tank: 49.6 mmHgA Chiller Tons: 988 Chiller Approach: 2.7°F

Condensor Tons: 2,100 Condensor Appro: 3.4°F

Lbs/hr/Ton: 11.64 Absorber Appro: 8.0°F

*Operation is normal at this time. Will add inhibitor when received.

Customer Signature:

	EVAPORATOR	REFRIGERANT TANK	ABSORBER	HIGH TEMPERATURE GENERATOR	LOW TEMPERATURE GENERATOR
LIQUID LEVEL	O	⊖ ⊖ ⊖	⊖ Tank ⊖ 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