FORM 155.17-F1 (1295)

YORK® YPC™ Inspection Report

FOR USE ON INSPECTION CONTRACT VISITS

Project Name: DuPont Experimental Station ID # ABS#1

Address:

Model No. YPC-ST226466XA Serial No: YORK Order: Hrs. of Operation:

By: Kevin Fraze Date: 7/18/07 Time: 10:00 AM PM

MACHINE OPERATING CODE: Chilling ☑ Heating ☐ % LOAD 66%/10000#/hr TYPE OF VISIT:

Chilled Water 3000GPM	Inlet Temp (°F) 9.3°F ΔT	53.6
	Outlet Temp (°F)	44.3
	ΔP (psi) 130-114	16
Condenser Water 6000 GPM ABS→87°F	Inlet Temp (°F) 10.3°F ΔT	80.1
	Outlet Temp (°F)	90.4
	ΔP (psi) 40-20	20
High Temp Generator	Solution In Temp (°F)	251
	Solution Out Temp (°F)	289
	Pressure (mm HG)	358
	Concentration (%) (Optional)	64.8
Low Temp Generator	Solution In Temp (°F)	148
	Solution Out Temp (°F)	170
	Refrigerant Out Temp (°F)	170
	Concentration (%) (Optional)	
Absorber	Solution Out Temp (°F)	93
	Sol. Concentration (%) (Required)	55%
6.5mm Strong/Weak	Abs. Spray Temp (°F)	114/96
Condenser	Refrigerant Out Temp (°F)	94
Evaporator	Refrigerant Temp (°F)	42.8
Steam Models	Stm. Inlet Press. (PSIG)	62
	Condensate Press. (PSIG)	5
Heat Rec. Models	Gas Ent. Temp (°F)	
	Gas Lvg. Temp (°F)	
Purge Counters (if applicable)	Auto Lifetime	6
	Auto 7 Day	6
	Manual Lifetime	7
	Manual 7 Day	7

SERVICES PERFORMED

	Performed As Required	Every Service Visit	Change/Over (Twice/yr.)
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: 41mmHg A Chiller Tons: 1,162.5 Chiller Approach: 1.5°F

Condensor Tons: 2,575 Condenser Approach: 3.6°F

Absorber Subcooling: 2°F Lbs/Hr/Ton: 8.6 Absorber Approach: 6°F

Refrig Pump was just replaced, reason for purging. Inhibitors will be added soon.

Customer Signature:

	EVAPORATOR	REFRIGERANT TANK	ABSORBER	HIGH TEMPERATURE GENERATOR	LOW TEMPERATURE GENERATOR
LIQUID LEVEL	O MT	Full	Tank Main Shell		Falling

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