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. YPCST22G46CXA Serial No: YORK Order: Hrs. of Operation: 17833

By: Kevin Fraze Date: 7/5/07 Time: 1:00 AM PM ✓

MACHINE OPERATING CODE: Chilling ☑ Heating ☐ % LOAD 65 TYPE OF VISIT:

Chilled Water	Inlet Temp (°F) 8.8°F ΔT	52.8
	Outlet Temp (°F)	44.0
	ΔP (psi) GPM	300 ∞
Condenser Water	Inlet Temp (°F) 7.6°F ΔT	78.0
	Outlet Temp (°F) ABS 84°F	85.6
	ΔP (psi) GPM	6000
High Temp Generator	Solution In Temp (°F)	245
	Solution Out Temp (°F)	280
	Pressure (mm HG)	321
	Concentration (%) (Optional)	64.4
Low Temp Generator	Solution In Temp (°F)	141
	Solution Out Temp (°F)	169
	Refrigerant Out Temp (°F)	167
	Concentration (%) (Optional)	
Absorber	Solution Out Temp (°F)	92.5
	Sol. Concentration (%) (Required)	55.5
	Abs. Spray Temp (°F)	110
Condenser	Refrigerant Out Temp (°F)	92
Evaporator	Refrigerant Temp (°F)	41.3
Steam Models	Stm. Inlet Press. (PSIG)	70
	Condensate Press. (PSIG)	15
Heat Rec. Models	Gas Ent. Temp (°F)	
	Gas Lvg. Temp (°F)	
Purge Counters (if applicable)	Auto Lifetime	1847
	Auto 7 Day	0
	Manual Lifetime	92
	Manual 7 Day	0

3,350 lbs/hr

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:

Remarks / Recommendations:

Purge Tank: 53.3 mm Hg/A Chiller Tons: 1,100 Chiller Approach: 2.7°F
Condenser Tons: 1,900 Condenser Appro: 6.4°F
Lbs/Hr/Ton: 12.14 Absorber Appro: 8.5°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	½	½ Tank Main Shell	½	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