

V. SV (262)

C.V.

D.V.

CG 03 CODE KY-908-D PKG.

DEC-2 33072

EST. WGT. 2106 LBS.

STD. HRS. TIME

5 P.M.

14 YC-3-B 93 4 Lot 23868, 2000#
 14 YC-3-B 93 4 Lot 23877, 2000#
 14 YC-3-B 93 4 Lot 23876, 1500#

After ph Adj
 steps 18 & 19
 & after strike
 step 29

PROCESSES		APPROVED BY	
() KY-908-D	(F)	EWK	12-12-77
() Alternate	()	DCG	12-14-77
()	()	MTW	12-19-77
()	()	FWP	03-27-79
TYPED BY			
emw032879			

Total Wgt 7606#

NON-BLEEDING

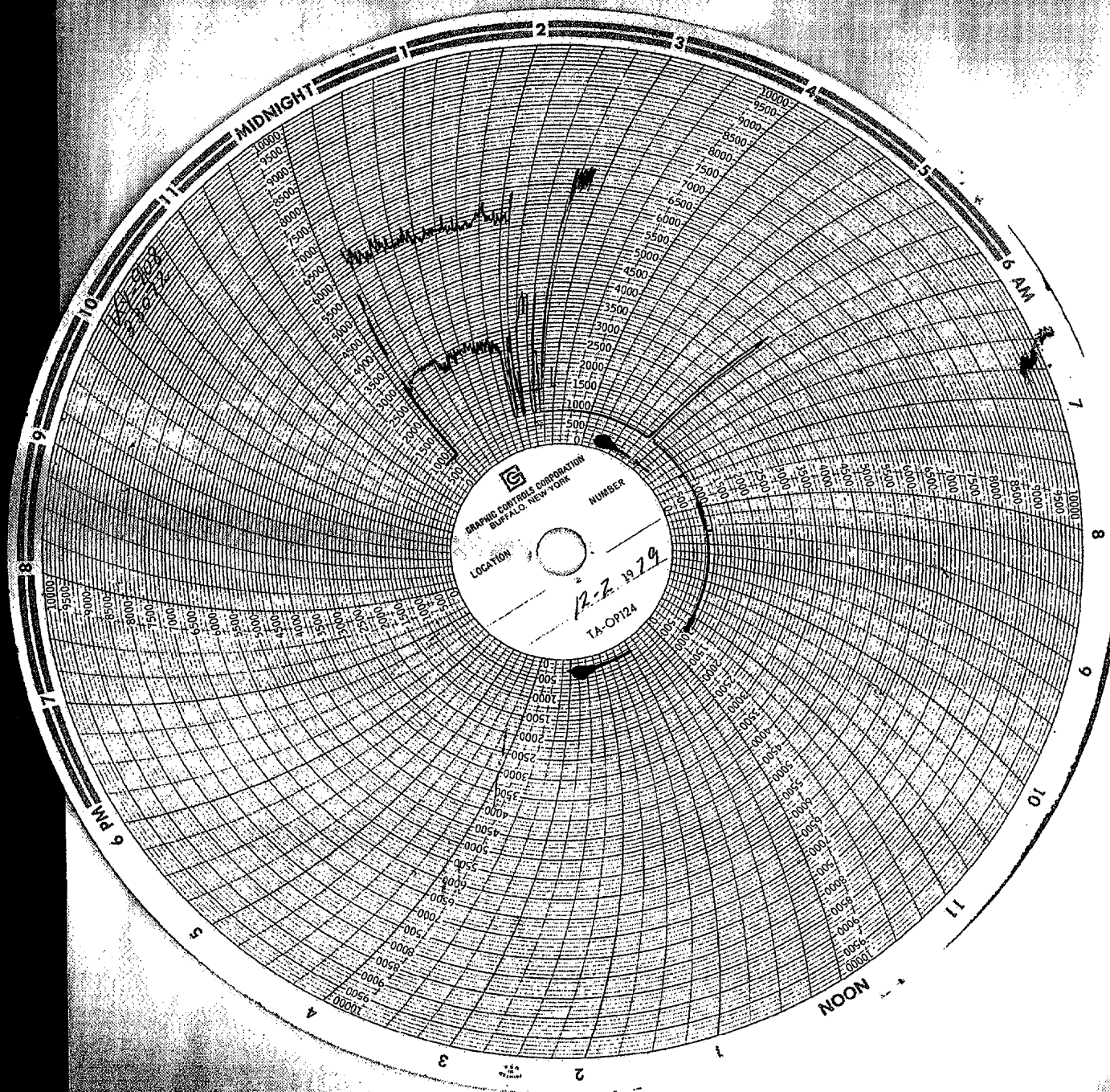
IPMENT	NAME: KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1 Run 50" (827 G) water into V-203			
1	2 Pour in	730	32-D	730
	3 Dump in	110 x 50	YC-3-B	5500
	Record: Start 3:20 AM	23868		
	Fin 4:40 AM	23877		
	25" (1275 G)	23876		
	4 Adj to 80" (1360 G)	1500		
	5 Pump V-203 thru Homog at 2400-2600 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-205 Vol 39 " & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run 2" (200 G) into V-262. Install temp chart & start agitator			
2	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
	Record: Time Start 12:15 P, Total Min 180			
	NOTE: If Homog pressure falls below 4800 psi 3-way valve will recirculate slurry to V-205			
	11 When V-205 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi. Rinse in using Hot Water			
349 & 384	12 While Homog, run 6" (248 G) water into V-349			
	13 Run ± 1000# water into V-384 & heat to 110-120°F			
	14 Weigh into V-384 & pump to V-349	2570	32-D	2570
	15 Run ± 1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	17 Record: 9Be 1077 (10.45 ± 0.2) (1.074, 1.077)			
	9/ml			
SV & 349	18 When S 11 Homog complete, adj SV to 21" (2100 G) SAMPLE			
4	19 Record: pH 10.4 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%		7-D	
	Siphon into SV & Record: pH 11.0 SAMPLE			
	20 Heat to 190-194°F in 35-45 min & Record: HT 190°F & Rec 190°F			
	NOTE: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV, run 56" (1520 G) water into V-343			
	22 Meter in from V-386 M79, 9.80 #/Gal 388 Gal		27-D	380
	23 Stir 15 min or longer			
5	24 Record: 9Be 1077 (12.75 ± 0.1) (1.016, 1.019)			
	8/ml			

N32207

U-262

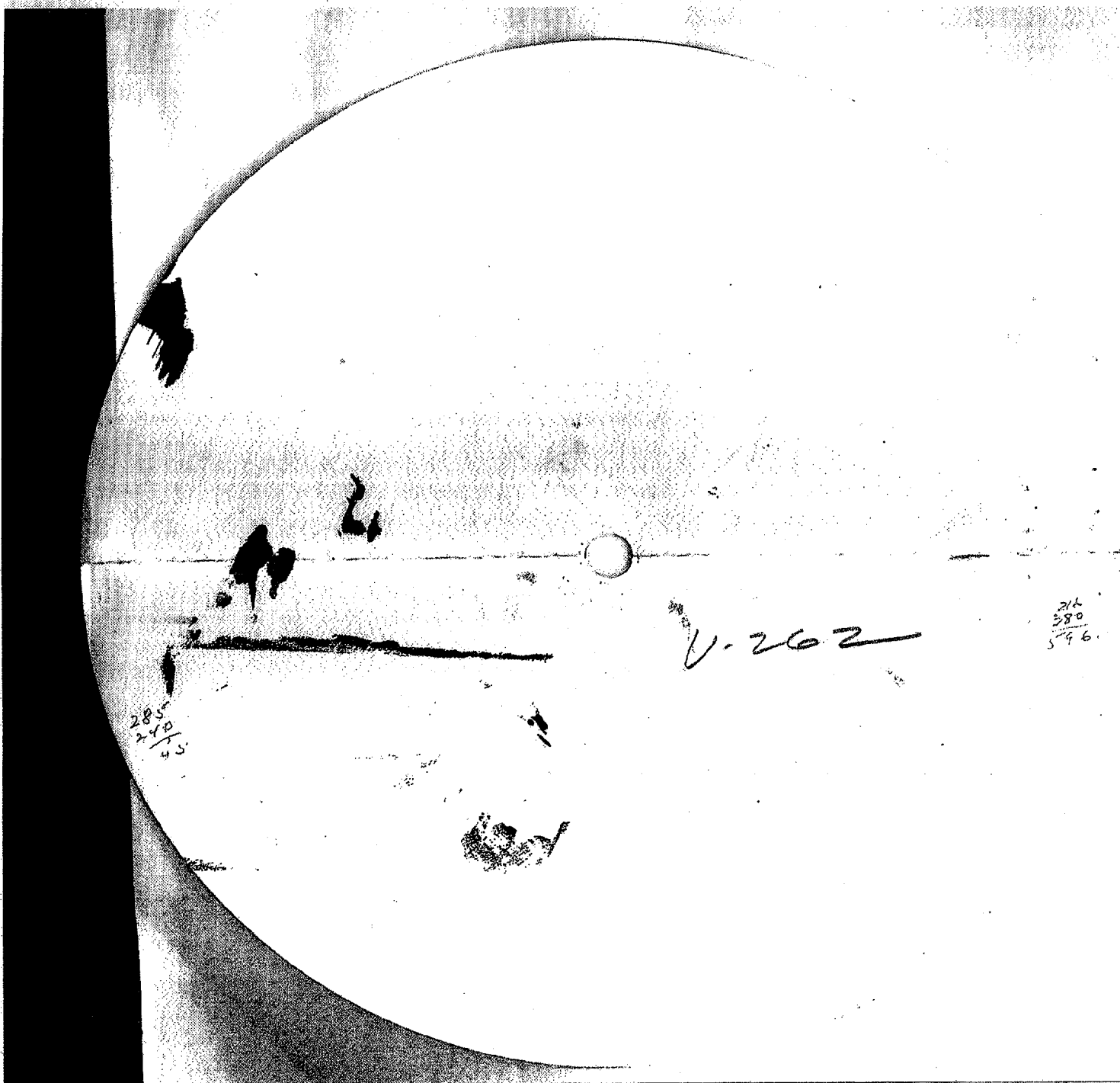
EQUIPMENT	PAGE 2	CG 03 CODE KY-908-D (F) EST. WGT.	7606 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 25	When S 22 heating complete, Record: pH 10.0 (7.5-10.0)					
6 26	Wet V-343 acid pump at 69 setting (± 255 min)					
27	Set V-349 silicate pump at 60 setting (± 210 min)					
28	Immediately meter in V-343 & 349, maintain SV at 190-194°F during strike					
28	Record:	Start	Finish	Minutes		
	V-343	8:00 AM	8:45 AM	240		
	V-349	8:00 AM	8:45 AM	240		
	Record:	Time	V-343 in	V-349 in	SV pH	Normal pH
	at 20 min	4:40	(52) 52	(22) 22	9.8	9.3-10.0
	40 min	4:40	(48) 49	(20) 20	9.8	9.3-10.0
	1 hr	5:15	(43) 44	(18) 19	9.8	9.3-10.0
	2 1/2 hrs	6:15	(27) 27	(7) 10	9.9	9.3-10.0
	3 1/2 hrs	7:30	(10) 16	(0) 4	9.9	9.3-10.0
	Finish	8:25	(0) 6	—	8.0	7.5-8.5
	NOTE: 1) If pH not as specified, notify Supervisor & note in log					
	2) If final pH is above 8.5, adj pH to 7.5-8.5 & Record: pH Assume 78%					
30	Sift in				250	250
357 31	Run 29" (210 G) water into V-357 & heat to 135-140°F					
7 32	Dump in & stir to dissolve for S 60				500	500
302 33	Add 24" (294 G) water to V-302					
8 34	Add & stir 2 min for S 63				120	60
35 35	During strike pump into PT 216 # N-169 IN 130994				680	680
9 36	Pump in				76	76
37	Pump in				76	76
38	Stir 10 min with lightning mixer for S 42					
356 39	During strike, run 18" (317 G) water into V-356					
10 40	Turn on steam					
41	Adj to 23" (403 G) at 81-82°C					
42	Pump PT mixture from S 38 thru undersurface distributor A F A P					
43	Rinse PT with hot water form hot water mixer & pump in					
44	Shut off pump					
45	Stir 30 min at 81-82°C for S 54					
46	Do not shut off agitator					
SV 47	When V-349 MTY, rinse in with minimum water then set pump to zero setting					
11 48	When V-343 MTY, rinse in with minimum water then turn off pump motor					
49	Heat to 198-200°F in 5-10 min					
50	Close water line & discharge valves at stearate pump					
51	Open V-356 discharge valves at stearate pump inlet					
52	Open water valve at stearate pump & run water thru Homog at 2900-3100 psi to sewer					
53	While Homog water at 2900-3100 psi, open Homog discharge valve to SV & close valve to sewer					

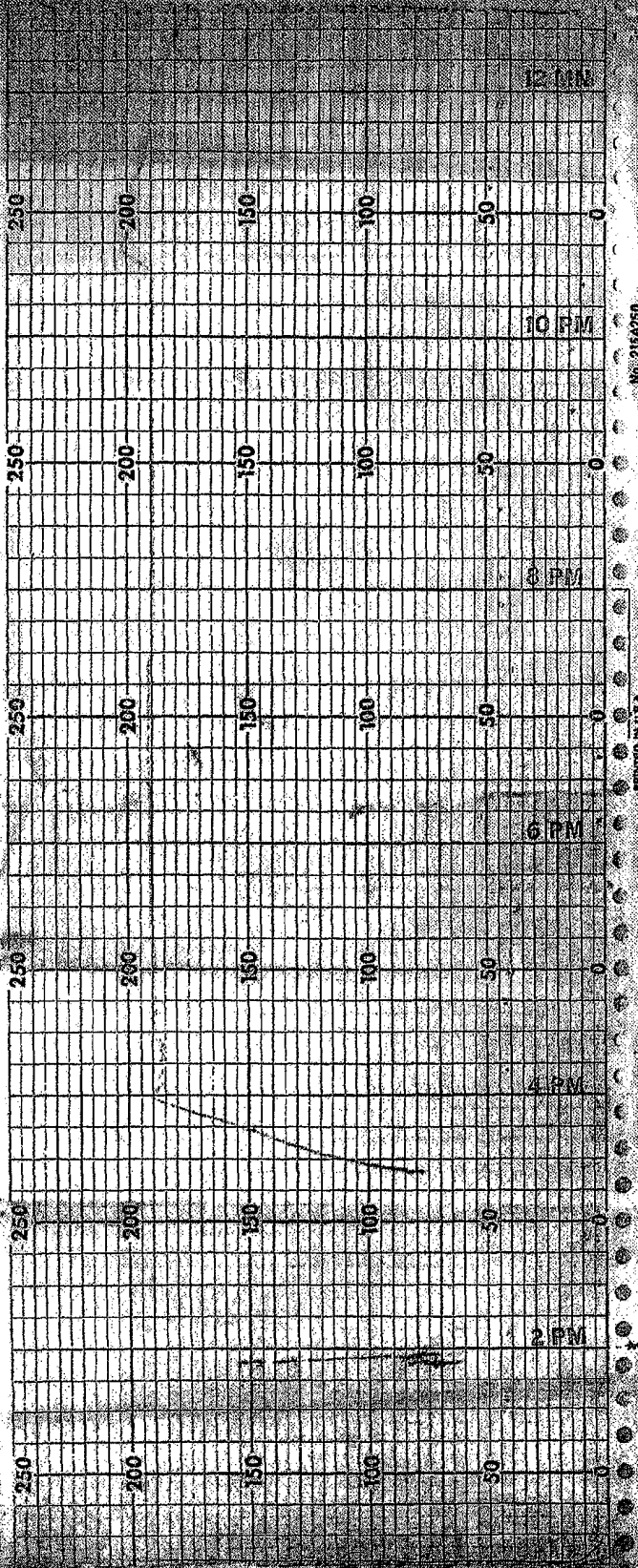
EQUIPMENT		PAGE 3 CG 03 CODE KY-908-D (F) EST. WGT. 7606 LBS.	USE LBS.	N CODE	ACC LBS.
SV 11 cont'd	54	Immediately open stearate pump discharge valve, turn on pump & Homog V-356 to SV at 2800-3100 psi. Maintain SV at 198-200°F			
	55	While Homog V-356 to SV, shut off water valve at stearate pump A S A P			
	56	When Homog complete, rinse in V-356 with hot water from hot water mixer			
	57	When S 56 complete, turn off Homog & stearate pump			
	58	Stir 5 min at 198-200°F			
	59	Shut off steam			
	60	Run in V-357 from S 32 & stir 5 min			
	61	Record: pH 3.3 (3.3-3.7)			
	62	If necessary, adj pH to 3.3-3.7 (Downward only) & Record: pH		15-A	
	63	Run in N-7-D from S 34 in 4-6 min & stir 5 min			
	64	Record: pH 3.8 (4.2-4.4) & if necessary, adj to pH 4.2-4.4 & Record: pH 4.2	Assume 78%	27-D	
		(Dilute 10 parts water to 1 part N-7-D)	Assume 50%	7-D	5
		Siphon N-7-D into SV			
	65	Do not stop agitator			
Step		V-262 (20 RPM)	V-243, 244, 246, 247		
9		2"	4"		
18		21"	42"		
START		FINISH	OPTR		
7:00 P.M.		11:00 P.M.	223.381		
12:15 A		7:00 A	120-126		
7:00 A.M.		12:30 P.M.	237-320		
DELAYED - SEE LOG - No. N32 ON PLANT					



N32207.01

DUP050457075





N32207.02

DUP050457077