

V: 243, 244, 246, 247, (262)

C.V.

D.V.

CG 03 CODE KY-787-D PKG.

→ JAL 15 33797

EST. WGT. 1980 2230 LBS.

STD. HRS. TIME 5 P M

14 YC-2-B 93 4 Lot 24075, 2000 #

14 YC-2-B 93 4 Lot 24076, 2000 #

14 YC-2-B 93 4 Lot 24072, 1000 #

Total Wgt 6980 7230# (REQ)

NON-BLEEDING

SHIPMENT	NAME	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 50" (827 G) water into V-203			
&	2 Weigh in drum & pour in	670	32-D	670
205	3 Dump in & stir 5 min	100 x 50	YC-2-B	5000
1	Record: Start 5:00 P.M.			
	Fin 7:00 P.M.			
	75" (1375 G)			
	4 Adj to 80" (1360 G)	5000		
	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 4" & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run 2" (200 G) water into V- 262 install temp chart			
&	& start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV- 262			
2	Record: Time Start 6:20 AM Total Min 120			
	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	12 While Homog, run 6" (284 G) water into V-349			
&	13 Run ± 1000 # water into V-384 & heat to 110-120°F			
384	14 Weigh into V-384 & pump to V-349	3830	32-D	3830
3	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: Obs 11.1 (15.2 ± 0.2) (1.113 - 1.117)			
SV	18 When S 11 Homog complete, adj SV to 21" (2100 G)			
4	19 Record: pH 10.6 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	40	7-D	20
	Siphon into SV & Record: pH 11.2			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) &			
	Record: HT 192 °F & Rec 194 °F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run (56") (1520 G) water into V-343			
&	22 Meter in from V-386 M 1 9.55 #/Gal 60.0 Gal		27-D	573
386	23 Stir 15 min or longer			
5	24 Record: Obs 10.27 (4.1 ± 0.1) (1.027 - 1.028)			

PROCESSES

() KY-787-D (S) EWK 10-19-77
 () Alternate () DCG 10-25-77
 () () MTW 10-26-77
 () () FWP 02-01-79

TYPED BY

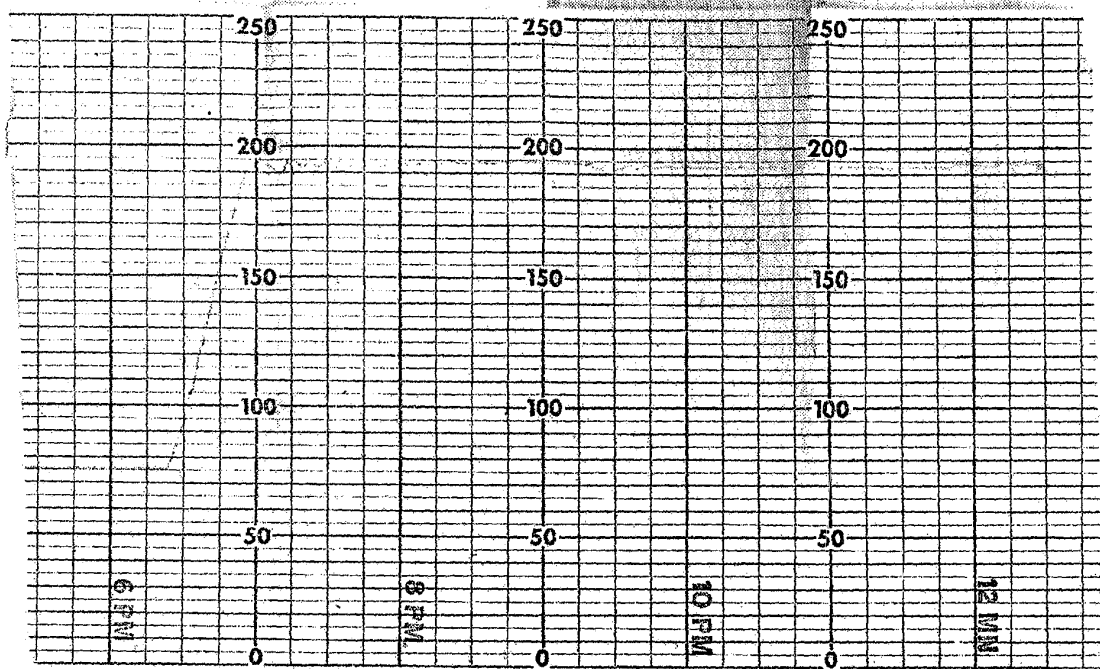
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Homog #4 - 2nd Pass

210

V-262

EQUIPMENT	PAGE 2	CG 03	CODE KY-787-D (S)	EST. WGT.	7230 LBS.	USE LBS.	N CODE	ACC LBS.
SV 6	25	When S 20 heating complete, Record: pH <u>9.8</u> (9.6-10.2)						
	26	Set 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						
	29	Record: Start Fin Min						
		V-343	12:40 P	5:25	3:25			
		V-349		4:35	2:25			
		Record:	Time	V-343 in	V-349 in	SV pH	Normal pH	
		at 20 min	1:00 PM	(52) 53	(22) 22 +	9.8	9.3-10.0	
		40 min	1:56 PM	(48) 49	(20) 20 +	9.5	9.3-10.0	
		1 hr	2:40 P	(43) 44	(18) 19 +	9.3	9.3-10.0	
		2 1/2 hrs	3:55	(27) 30	(7) 8 +	9.3	9.3-10.0	
		3 1/2 hrs	4:10	(10) 11 +	(0) 0	9.8	9.3-10.0	
		Finish	4:35	(0) 0	0	7.0	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%					27-D	
330 7	30	Run 22" (431 G) water into V-330 & heat to 160-170°F						
	31	Add in 12-13 min				700	530-A	700
	32	Stir 5 min & Record: pH <u>10.1</u> (9.5-10.5)						
	33	Stir 20 min or longer to dissolve for S 46						
357 8	34	Run 29" (210 G) water into V-357 & heat to 135-140°F						
	35	Dump in & stir to dissolve for S 42				350	15-A	350
302 9	36	Run 36" (440 G) water into V-302						
	37	Add & stir 2 min for S 44				Assume 50%	380	7-D 190
SV 10	38	When V-349 MTY, rinse in with minimum water then set pump to zero setting						
	39	When V-343 MTY, rinse in with minimum water then turn off pump motor						
	40	Turn off steam						
	41	Sift in				250	128-A	250
	42	Run in V-357 from S 35 & stir 5 min						
	43	Record: pH <u>3.5</u> (3.7-4.2)						
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min						
	45	Record: pH <u>9.1</u> (9.0-9.5) & if necessary, adj to pH 9.0-9.5 & Record: pH Assume 78%					27-D	
		(Dilute 10 parts water to 1 part N-7-D) Assume 50%					7-D	
		Siphon N-7-D into SV						
	46	Run in V-330 thru 20 mesh screen & stir 20 min						
313 11	47	Run 15" (222 G) water into V-313 & dump in				270	20-A	270
	48	Stir 5 min to dissolve for S 49						
SV 12	49	Run V-313 into SV in 15-20 min						
	50	Stir 15 min						
	51	Record: pH <u>8.9</u> (9.0-10.0)						
	52	Stop agitator <i>Do not stop</i> V-262						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	2"	50" 2 1/2"				
		START	11:00 AM	FIN	11:00 AM	OPTR	255-342	
			2:00 PM	3:15 PM			438-405	
			2:15 PM	3:45 PM			120-101	



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