

243, 244, 246, 247, (262)

C.V.

D.V.

CG 03 CODE KY-787-D PKG.

NOV30 33019

EST. WGT. 2230 LBS.

STD. HRS.

TIME

14 YC-2-B 93 4 Lot 23966, 5.000#
 14 YC-2-B 93 4 Lot _____, _____#
 14 YC-2-B 93 4 Lot _____, _____#

PROCESSES		APPROVED BY	
() KY-787-D	(S)	EWK 10-19-77	
() Alternate	()	DCG 10-25-77	
()	()	MTW 10-26-77	
()	()	FWP 02-01-79	
TYPED BY			
emw020179			

Total Wgt 7230# (REQ)

NON-BLEEDING

INSTRUMENT	NAME:	USE LBS.	N CODE	ACCT. LBS.
203	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 <u>9:30 PM</u> Lot <u>23966</u> <u>5.000</u> Fin <u>10:50 PM</u>			
	4 Adj to 80" (1360 G)			
	5 Pump V-203 thru Homog at 2400-2600 psi into V-203			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-205 Vol <u>49</u> " & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run <u>2</u> (200 G) water into V- <u>262</u> & install temp chart & start agitator			
&	10 Pump V-205 thru Homog at 4800-5200 psi into V- <u>262</u>			
205	Record: Time Start <u>9 PM</u> , Total Min <u>108</u>			
2	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: <u>0Be 1115 (15.2 ± 0.2) (1.113 - 1.117)</u>			
SV	18 When S 11 Homog complete, adj SV to " (2100 G)			
4	19 Record: pH <u>10.6</u> & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50% Siphon into SV & Record: pH <u>11.7</u>		7-D	11
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) & Record: HT <u>194</u> °F & Rec <u>194</u> °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 <u>M 18</u> , <u>96.5</u> #/Gal <u>59.4</u> Gal		27-D	573
386	23 Stir 15 min or longer			
5	24 Record: <u>0Be 1028 (4.1 ± 0.1) (1.037 - 1.028)</u>			

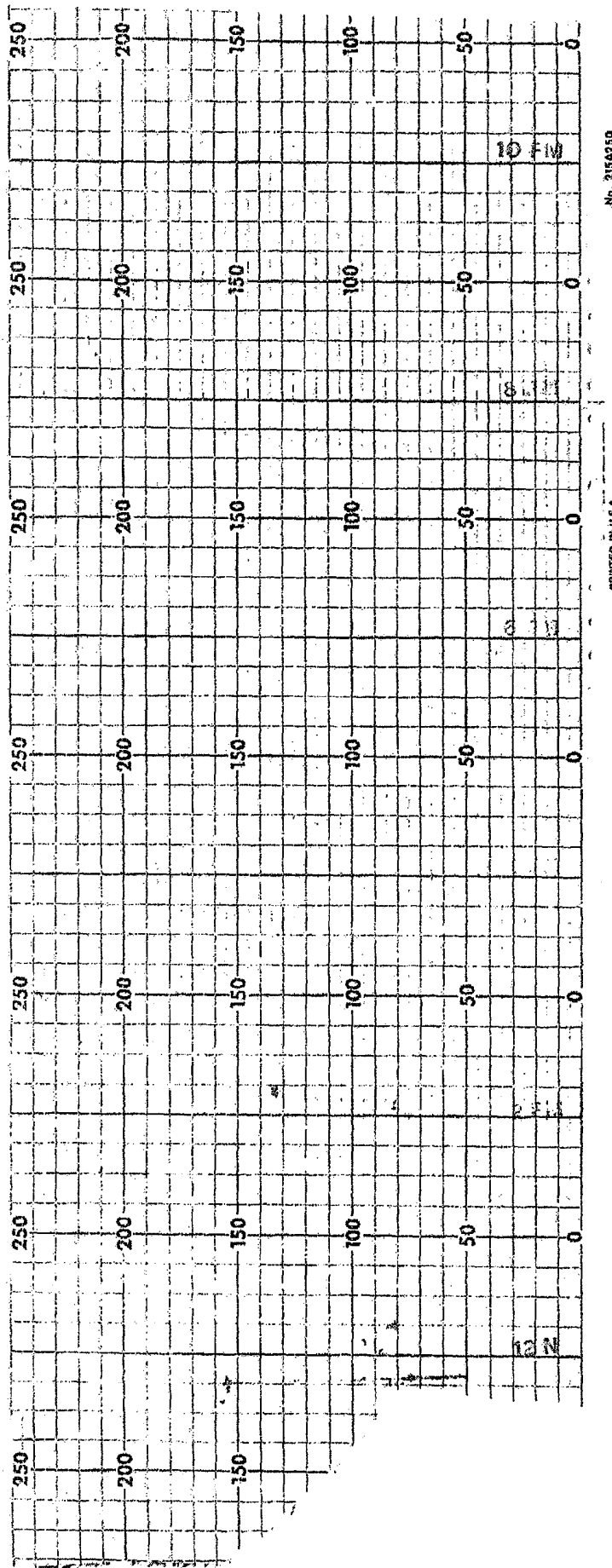
262

EQUIPMENT	PAGE 2	CG 03	CODE KY-787-D (S)	EST. WGT.	7230 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV	25	When S 20 heating complete, Record: pH <u>10.1</u> (9.6-10.2)						
6	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:						
		V-343	Start <u>7:30</u>	High <u>4:55</u>	Min <u>2:65</u>			
		V-349	<u>11:05</u>	<u>11:05</u>	<u>2:15</u>			
		Record:	Time	V-343 in	V-349 in	SV pH	Normal pH	
		at 20 min	<u>1:50</u>	(52) <u>+</u>	(22) <u>+</u>	<u>10.0</u>	9.3-10.0	
		40 min	<u>1:10</u>	(48) <u>+</u>	(20) <u>+</u>	<u>9.9</u>	9.3-10.0	
		1 hr	<u>1:30</u>	(43) <u>+</u>	(18) <u>+</u>	<u>9.9</u>	9.3-10.0	
		2 1/2 hrs	<u>2:45</u>	(27) <u>+</u>	(7) <u>+</u>	<u>9.9</u>	9.3-10.0	
		3 1/2 hrs	<u>4:15</u>	(10) <u>+</u>	(0) <u>+</u>	<u>9.5</u>	9.3-10.0	
		Finish	<u>4:45</u>	(0)		<u>9.5</u>	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	30	Run 22" (431 G) water into V-330 & heat to 160-170°F						
7	31	Add in 12-13 min				700	530-A	700
	32	Stir 5 min & Record: pH <u>9.9</u> (9.5-10.5)						
	33	Stir 20 min or longer to dissolve for S 46						
357	34	Run 29" (210 G) water into V-357 & heat to 135-140°F						
8	35	Dump in & stir to dissolve for S 42				350	15-A	350
302	36	Run 36" (440 G) water into V-302						
9	37	Add & stir 2 min for S 44				Assume 50%	380	7-D 190
SV	38	When V-349 MTY, rinse in with minimum water then set pump to zero setting						
10	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>3.4</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>9.0</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	47	Run 15" (222 G) water into V-313 & dump in				270	20-A	270
11	48	Stir 5 min to dissolve for S 49						
SV	49	Run V-313 into SV in 15-20 min						
12	50	Stir 15 min						
	51	Record: pH <u>9.2</u> (9.0-10.0)						
	52	Stop agitator <u>Do not stop V-262</u>						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	26"	50"				
		START	FIN	OPTR				
		<u>11:00 PM</u>	<u>7:00 AM</u>	<u>6:22-101</u>				
		<u>3 PM</u>	<u>11 PM</u>	<u>282-458</u>				
				<u>7 AM - 9:25 AM</u>				

DUP050456368

240-

262



DUP050456371

N32044.02