

04 CODE K0-789-D PKG.

JAN 16 33858

509 1132 LBS.

10.8

TIME

7 AM

01 YC-16-B 93 4 Lot 33610, 2100#

01 YC-16-B 93 4 Lot _____, _____#

01 YC-16-B 93 4 Lot _____, _____#

Total Weight 5332# (Req _____)

NON-BLEEDING

PROCESSES		APPROVED BY	
() K0-789-D	(I)	EWK 09-21-76	
()	()	DCG 09-21-76	
()	()	MTW 10-02-76	
()	()	FWP 02-05-79	
TYPED BY			
emw020579			

ELF	NAME:	USE LBS.	N CODE	ACCT. LBS.
211	Run 60" (990 G) water into V-211			265
&	Weigh in drum & pour in	265 530	32-D	530
208	Dump in & stir 5 min	Lot 42 33610	YC-16-B	4200
1	Record: Start 7:00 PM Fin 11:00 PM	2100		2100
	4 Adj to 70" (1200 G)	2800-3200		
	5 Pump V-211 thru Homog #2 at 1800-2200 psi into V-208			
	6 When V-211 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-208 Vol _____ & adj to 54" (1890 G)			
	8 Inspect Homog strainer & clean if necessary			
208	9 Run 10" (514 G) water into V-245 & start agitator & install temperature chart			
SV	10 Pump V-208 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start 4:30 P. Total Min 180			
	NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	11 When V-208 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	1272		1272
384	14 Weigh into V-384 & pump to V-349	2930	32-D	2930
3	15 Run ± 1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 30" (1400 G) & stir 15 min or longer 22" (1040 G)			
	17 Record: 0.1043 (10.0 ± 0.2) (1.040-1.044)			
	18 When S 10 Homog complete, adj SV to 45" (2300 G)			
4	19 Record: pH 10.1 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	20	7-D	10
	Siphon N-7-D into SV & Record: pH 11.2			
	20 Heat to 190-194°F in 55-65 min & Record: HT 192 OF			
	& Rec 194 OF			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 70" (1920 G) water into V-343			
&	22 Meter in from V-386 M 7, 9.55 #/Gal 20.4 Gal		27-D	440
386	23 Stir 15 min or longer			195
5	24 Record: 0.1009 (2.5 ± 0.1) (1.008-1.009)			

V-245

LEMENT	PAGE 2 CG 04 CODE K0-789-D (I) EST. WGT.	5332 LBS.	USE LBS.	N CODE	ACC LBS	
SV 25	When S 20 heating complete, Record: pH <u>10.0</u> (9.6-10.2)					
6 26	Set V-343 acid pump at <u>28</u> setting (± 255 minutes) <u>65</u>					
27	Set V-349 silicate pump at <u>28</u> setting (± 210 minutes) <u>53</u>					
28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike					
29	Record:	Start	Fin.	Min		
	V-343	<u>1.05 AM</u>	<u>5.30</u>	<u>2.65</u>		
	V-349	<u>4.40</u>	<u>2.15</u>			
	Record:	Time	V-343 in	V-349 in	SV pH	Normal pH
	at 20 min	<u>1.25 AM</u>	<u>(65) 49 49</u>	<u>(28) 20 20</u>	<u>10.0</u>	9.3-10.0
	40 min	<u>1.45 AM</u>	<u>(60) 45 45</u>	<u>(28) 18 18</u>	<u>10.0</u>	9.3-10.0
	1 hr	<u>2.05 AM</u>	<u>(35) 41 41</u>	<u>(28) 16 16</u>	<u>10.0</u>	9.3-10.0
	2 1/2 hrs	<u>3.20 AM</u>	<u>(34) 35 25</u>	<u>(28) 8 8</u>	<u>9.9</u>	9.3-10.0
	3 1/2 hrs	<u>4.35 AM</u>	<u>(28) 9 9</u>	<u>(0) 0 0</u>	<u>9.9</u>	9.3-10.0
	Finish	<u>5.20 AM</u>	<u>(0) 0 0</u>	<u>0 0 0</u>	<u>8.5</u>	7.5-8.5
	NOTE: If pH drops below 9.3 in 1st hr, stop pumps & see Supervisor. If final pH is above 8.5, adj to 7.5-8.5 & Record: pH			Assume 77%	27-D	
357 30	Run 33" (238 G) water into V-357 & heat to 135-140°F					
7 31	Dump in & stir to dissolve			<u>265 530</u>	15-A <u>530</u>	
302 32	Add 42" (514 G) water to V-302					
8 33	Add & stir 2 min			Assume 50% <u>164 330</u>	7-D <u>165</u>	
SV 34	When V-349 MTY, rinse in with minimum water then set pump at zero setting					
9 35	When V-343 MTY, rinse in with minimum water then turn off pump motor					
36	Stir 30 min at 190-194°F then turn off steam					
	Record: Start <u>5.35 AM</u>					
37	Run in V-357 from S 31 & stir 5 min					
38	Record: pH <u>4.3</u> (3.4-3.8) & if necessary, adj (DOWN ONLY) to 3.4-3.8 & Record: pH <u>3.6</u>			<u>30</u>	15-A <u>30</u>	
	NOTE: Dissolve extra N-15-A in water at 135-140°F in drum, use ± 30 G water to 50# N-15-A. Stir SV 5 min after each addition					
39	Run in N-7-D from S 33 in 10-12 min & stir 5 min					
40	Record: pH <u>6.8</u> (6.2-6.4) & if necessary, adj to pH 6.2-6.4 & Record: pH <u>6.4</u>			Assume 77%	27-D	
	(Dilute 10 parts water to 1 part N-7-D)			Assume 50%	7-D	
	Siphon N-7-D into SV					
41	Pour in & stir 15 min			<u>102 25</u>	978-A <u>102 25</u>	
42	Stop agitator					
	START	FIN	OPTR			
	<u>430P</u>	<u>1100P</u>	<u>126-201</u>			
	<u>11.00 PM</u>	<u>6.45 AM</u>	<u>195-244</u>			



