

245-
PG 04 CODE KO-789-D PKG.

JAN 10 33724

509 1132 LBS.

10.8 TIME

01 YC-16-B 93 4 Lot 31795 32442 700# 1350#

01 YC-16-B 93 4 Lot 31256 650#

01 YC-16-B 93 4 Lot 33477 750#

Total Weight 2609 5332# (Req 0532)

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

ST	NAME:	USE LBS.	N CODE	ACCT. LBS.
211	Run 60" (990 G) water into V-211			
&	Weigh in drum & pour in	265 530	32-D	530 265
208	Dump in & stir 5 min	Lot 42 84 x 50	YC-16-B	4200 2100
1	Record: Start 9: P.M.	32442		
	Fin 10:15 P.M.	1350		
		33477		
		750		
		2100		
	Adj to 70" (1200 G)	2800-3200		
	Pump V-211 thru Homog #2 at 1800-2200 psi into V-208			
	When V-211 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	Record: V-208 Vol 54" & adj to 54" (1890 G)			
	Inspect Homog strainer & clean if necessary			
208	Run 10" (514 G) water into V-245 & start agitator &			
&	install temperature chart			
SV	Pump V-208 thru Homog at 4800-5200 psi into SV-245			
2	Record: Time Start 1045, Total Min 130			
	NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	When V-208 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi. Rinse in using Hot Water			
340	While Homog, run 6" (284 G) water into V-349			
&	Run ± 1000# water into V-384 & heat to 110-120°F	1272		1272
384	Weigh into V-384 & pump to V-349	2930	32-D	2930
3	Run ± 1000# water into V-384 & pump to V-349			
16	Adj V-349 to 30" (1400 G) & stir 15 min or longer			
17	Record: 0.01 1.030 (1.0 - 1.02) (1.029 - 1.032)			
SV	When S 10 Homog complete, adj SV to 45" (2300 G)			
4	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%	14	7-D	7
19	Siphon N-7-D into SV & Record: pH 11.3			
20	Heat to 190-194°F in 55-65 min & Recrod: HT 194 OF & Rec 194 OF			
	NOTE: Strike must be started immediately on completion of heating			
348	While heating SV, run 70" (1920 G) water into V-343			
81	Meter in from V-386 M 2, 9.70 #/Gal 20.1 Gal		27-D	440
386	Stir 15 min or longer			195
5	Record: 0.01 1.006 (2.5 - 0.1) (1.005 - 1.007)			

Homog #2

NON-BLEEDING

V-245

MPMENT	PAGE 2 CG 04 CODE KO-789-D (I) EST. WGT. 5332 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 25	When S 20 heating complete, Record: pH 10.0 (9.6-10.2)			
6 26	Set V-343 acid pump at 86 setting (± 255 minutes)			
27	Set V-349 silicate pump at 72 setting (± 210 minutes)			
28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike			
29	Record: Start Fin Min			
	V-343 245 7:05 PM 260			
	V-349 245 6:20 215			
	Record: Time V-343 V-349 SV Normal			
	at 20 min 3:05 (66) 67 (27) 22 9.9 9.3-10.0			
	40 min 3:25 (60) 60+ (24) 24 9.9 9.3-10.0			
	1 hr 3:45 (55) 55+ (21) 21 9.9 9.3-10.0			
	2 1/2 hrs 5:00 (34) 34 (11) 11 9.9 9.3-10.0			
	3 1/2 hrs 6:15 (13) 13 (0) 0 9.9 9.3-10.0			
	Finish 7:00 (0) 0 8.3 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	
35 30	Run 33" (238 G) water into V-357 & heat to 135-140°F			265
7 31	Dump in & stir to dissolve	265 530	15-A	530
302 32	Add 42" (514 G) water to V-302			
8 33	Add & stir 2 min Assume 50%	164 330	7-D	1658
SV 34	When V-349 MTY, rinse in with minimum water then set pump at zero setting			
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 7:05 PM			
37	Run in V-357 from S 31 & stir 5 min			
38	Record: pH 3.2 (3.4-3.8) & if necessary, adj (DOWN ONLY) to 3.4-3.8 & Record: pH		15-A	
	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 5.3 (6.2-6.4) & if necessary, adj to pH 6.2-6.4 & Record: pH 6.2 Assume 77%		27-D	
	(Dilute 10 parts water to 1 part N-7-D) Assume 50%	10	7-D	5
	Siphon N-7-D into SV			
41	Pour in & stir 15 min	12 25	978-A	12 25
42	Stop agitator			
	START FIN OPTR			
	11:00 PM 7:00 PM 235-259			
	7: AM 3: PM 223-282			
	3:00 PM 8:15 PM 22-237			



