

246, 247 ~~248~~ C.V. D.V.
 04 CODE K0-789-D PKG.

JAN 20 33898

762 +132 LBS.

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			

10.8 TIME 7 A.M.
 01 YC-16-B 93 4 Lot 32520, 50#
 01 YC-16-B 93 4 Lot 32511, 250#
 01 YC-16-B 93 4 Lot 33608, 1200#

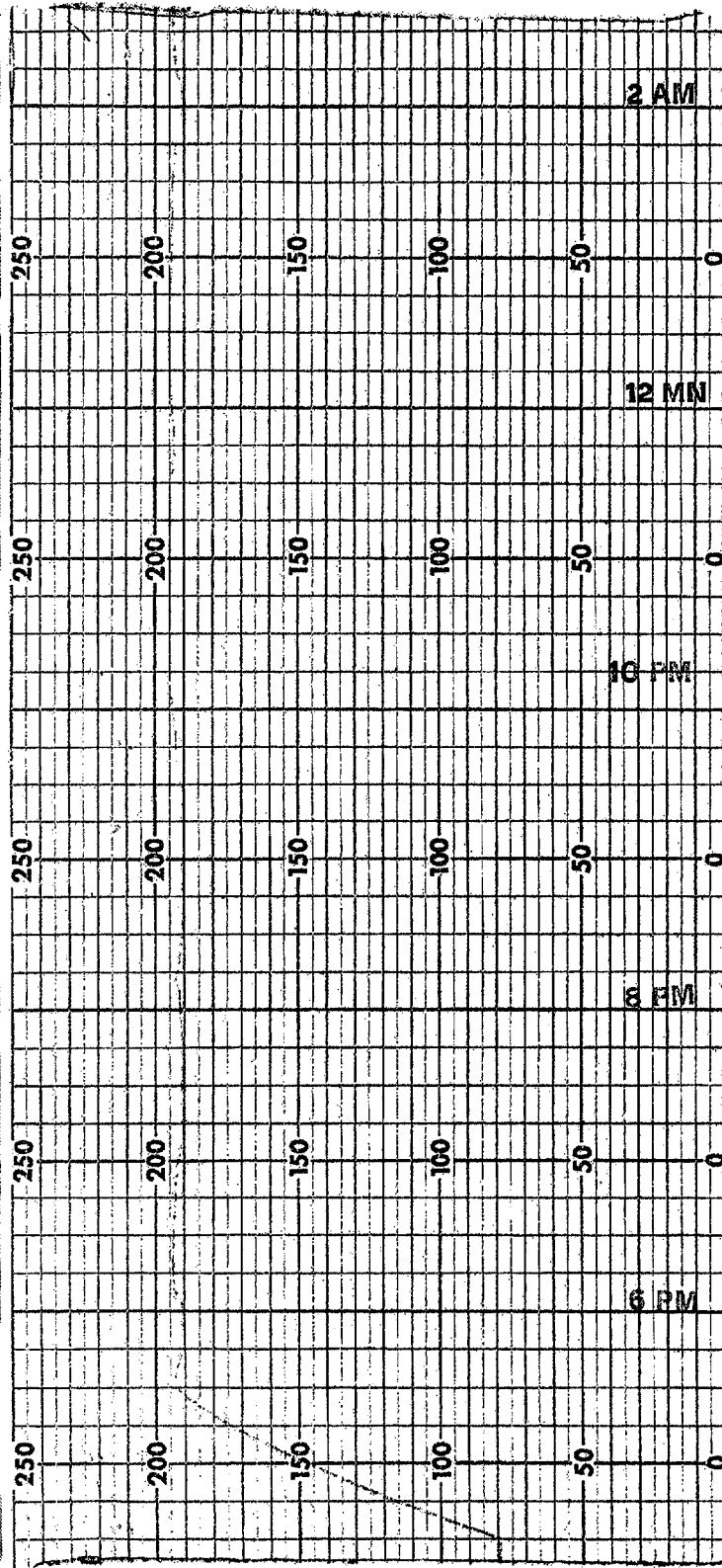
Homog #2
 01 YC-16-B 93 33656 1600#
 V-384 SCALE HUNG UP

Total Weight 5332# (Req Delby STEP-12) NON-BLEEDING

NAME:	USE LBS.	N CODE	ACCT. LBS.
KROLOR® ORANGE Y			
211 Run 60" (990 G) water into V-211			390
& 2 Weigh in drum & pour in			530
208 3 Dump in & stir 5 min	Lot 62 32520 50	32-D YC-16-B	4200
1 Record: Start 8:50 PM	32511 250		3100
Fin 9:40 PM	33608 1200		
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 MTV, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
7 Record: V-208 Vol 47" & adj to 54" (1890 G)			
8 Inspect Homog strainer & clean if necessary			
208 9 Run 10" (514 G) water into V-247 & start agitator & install temperature chart			
SV 10 Pump V-208 thru Homog at 4800-5200 psi into SV-247			
2 Record: Time Start 5-30 AM Total Min 170			
NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
11 When V-208 MTV, 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	1280		1280
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 32" (1040 G)			
17 Record: 0.062 (10.0 ± 0.2) (1.061-1.064)			
SV 18 When S 10 Homog complete, adj SV to 45" (2300 G)			
4 19 Record: pH 10.8 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	12	7-D	6
Siphon N-7-D into SV & Record: pH 11.1			
20 Heat to 190-194°F in 55-65 min & Record: HT 192 of & Rec 193 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 1, 9.515 #/Gal 304 Gal		27-D	440
386 23 Stir 15 min or longer			290
5 24 Record: 0.014 (2.5 ± 0.1) (1.013-1.015)			

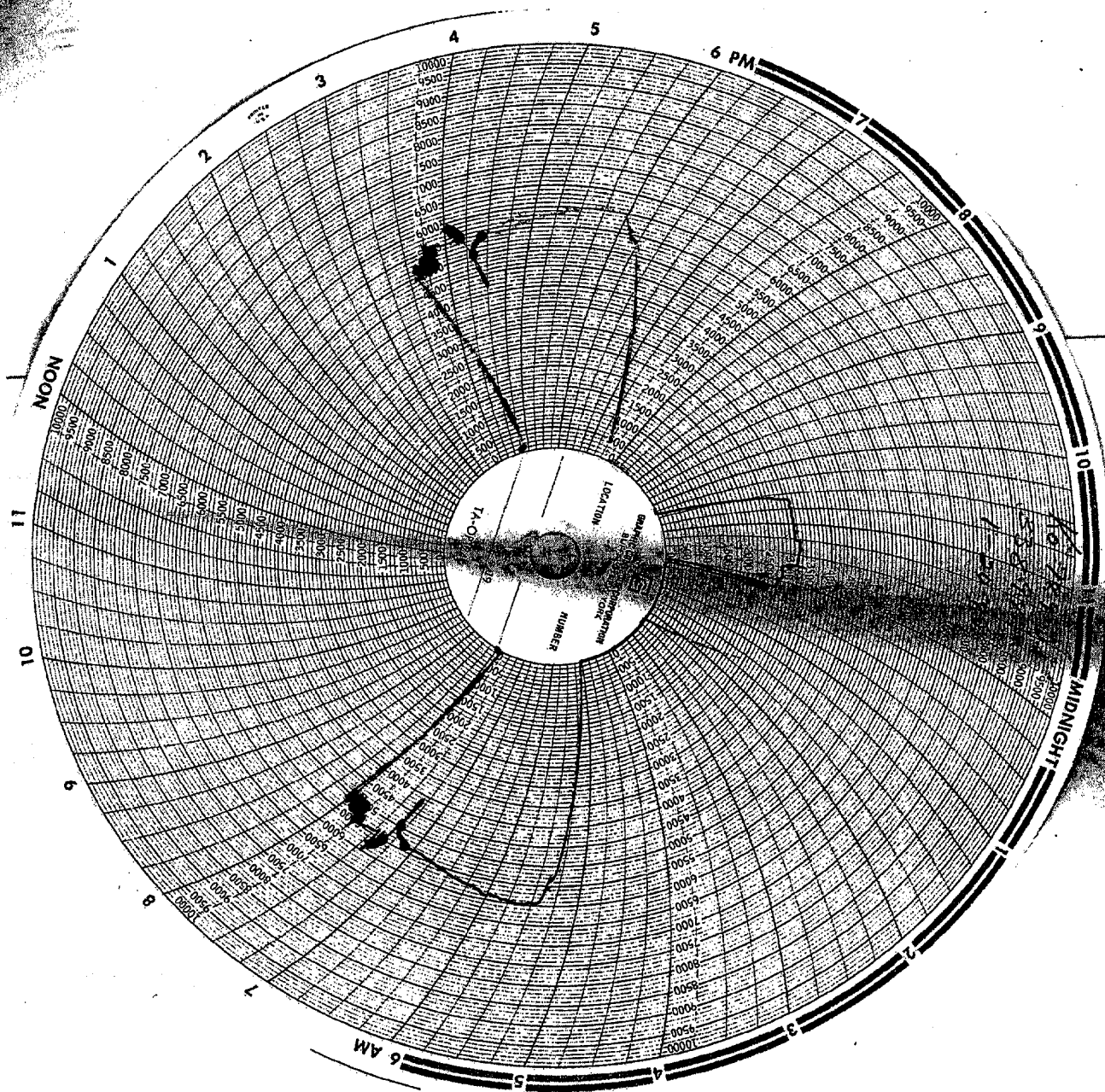
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MPMENT	PAGE 2	CG 04	CODE K0-789-D (1)	EST. WGT.	5332 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 25	When S 20 heating complete, Record: pH 10.15 (9.6-10.2)							
6 26	Set V-343 acid pump at 86 setting (± 255 minutes) 65							
27	Set V-349 silicate pump at 52 setting (± 210 minutes) 54							
28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike							
29	Record:	Start	Fin	Min				
	V-343	11:05	4:05	300				
	V-349	11:05	2:50P	225				
	Record:	Time	V-343	V-349	SV	Normal		
		11:05	53 in	22 in	pH	pH		
	at 20 min	11:25	(86) 49 +	(28) 20	9.9	9.3-10.0		
	40 min	11:45	(68) 45 +	(24) 18	9.9	9.3-10.0		
	1 hr	12:05	(96) 41 +	(28) 16	9.5	9.3-10.0		
	2 1/2 hrs	1:20	(38) 25 2/3 +	(28) 8 9/16	9.8	9.3-10.0		
	3 1/2 hrs	2:35	(28) 9 1/4	(0) 1 +	9.65	9.3-10.0		
	Finish	3:20	(0)		7.2	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							396
7 31	Dump in & stir to dissolve					390-530	15-A	530
302 32	Add 42" (514 G) water to V-302							
8 33	Add & stir 2 min					Assume 50%	7-D	165
SV 34	When V-349 MTY, rinse in with minimum water then set pump at zero setting							120
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 4:05 pm							
37	Run in V-357 from S 31 & stir 5 min							
38	Record: pH 3.1 (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 6.2 (6.2-6.4) & if necessary, adj to pH 6.2-6.4 & Record: pH					Assume 77%	27-D	
	(Dilute 10 parts water to 1 part N-7-D)					Assume 50%	7-D	
	Siphon N-7-D into SV							37
41	Pour in & stir 15 min					37 25	978-A	25
42	Stop agitator							
	START	FIN	OPTR.					
	7:00A	3:00P	2:55-3:41					
	3:00 pm	9:15 pm	101					



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