CG 40 CODE RW-706-P PKG. 05

→ OCT. 2 80 - 37347-2

EST. WGT. 6644 LBS.

PROCESSES	APPROVED BY
RW-706-P (H)	EWK 9-22-77
	DCG 9-26-77
TYPED BY	
NSA 9-27-77	

MAKING NOTES

REMARKS

TOTAL WGT 8006 (REQ.)

NAME: NAPTHANIL® RED DARK

-BLEEDING

INSTRUCTIONS -PRESSING- RECORD

						PRESSLOAD	1ST	2ND	3RD	4TH	5TH
VAT						STARTED					
DATE						CAKES USED					
TIME						WATER ON					
RELEASED BY						HRS. WASHED					
PRESS						OHMS					
NO. OF CAKES						HRS. WASHED					
PRESS	AGITATION					OHMS					
WASH TO	OHMS					HRS. WASHED					
TEST AFTER	HOURS					OHMS					
LOAD						CAKE CONDITION					
						NO. CARS LOADED					
						EXPLAIN LOSSES					
SAMPLES											
DELIVER TO						SAMPLED BY		RELEASED BY			

-DRYING-

HOURS	L.V.	H.V.
TEMP.	°F	°F

LUMP: - OK - WET - SALTS - CONTAMINATE

ADDITIONAL DRYING HOURS REQUIRED

SAMPLES

DELIVER TO

NO. CARS PULLED LUMP WGT.

SAMPLED BY RELEASED BY

-GRINDING-

MILL	SCREEN	RPM
MAX. TEMP.	°F	

SCREEN	RPM
MAX. TEMP.	°F

EXPLAIN LOSSES

SAMPLE AFTER / WITHOUT MIXING

SAMPLES

DELIVER TO C T L

DATE MIXED

SAMPLED BY RELEASED BY

DUP050106604

MAKING INSTRUCTIONS: BATCH-UNIT

S.V. C.V. (260) D.V. 315, 317, 322, (323) 703

CO 40 CODE RT-539-D PKG.

→ DEC 12 80 38245

EST. WGT. 486 Lbs.

STD. HRS. TIME M

PROCESSES		APPROVED BY
( ) RT-539-D	(N)	EWK 10-25-77
(D) RC-15-A	( )	DCG 10-25-77
( )	( )	MTM 10-31-77
( )	( )	
TYPED BY.		
jlc 11-14-77		

WEST-PRED

NON-BLEEDING

EQUIPMENT		NAME: NAPHTHANIL® RED DARK	USE LBS.	N CODE	ACCT. LBS.
Misc 1	1	Obtain for S 6		24-C	
	2	Obtain for S 31		151-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
DV 2	4	Run 12" (398 G) water into V- 323			60
	5	Run in From V-324 M 12 ; 30.56 %	LOT	28-D	
	6	Dump in from S 1 LOT #100% %		24-C	
		537 163 68.0			163
	7	Add & stir 15 min to wet LOT		396-C	
	8	Adj to 21" (710 G) at 28-32°F 5	5 x 330	57-A	1650
	9	Siphon in in 8-12 min M 13 , 33.47 %		725-A	69
	10	Stir 5 min & Record: CR + (+); KI + (+)			
		Note: (1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-D	
		Record: CR (+); KI (+)			
		(2) If CR+, KI-, add 10# "as is" increments Assume 33%		725-A	
		Record: CR (+); KI (+)			
	11	Stir 30 min at 28-32°F maintaining +CR, +KI for S 17			
		Record: Time Start 10:15 AM			
Misc 3	12	Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
~~302~~ or 314 4	13	Run 5" (60 G) water into V- 314			
	14	Pour in Assume 50%	78	7-D	39
	15	Pour in & stir 3 min Assume 78%	77	30-D	58
	16	Record: pH 7.0 (6.5-7.5) & if necessary Assume 75%		30-D	
		adj to pH 6.5-7.5 Record: pH Assume 50%		7-D	
DV 5	17	When S 11 stir complete, test DV & Record:			
		CR + (+), KI + (+), Temp: 30 28-32°F		57-A	
		Note: (1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-D	
		Record: CR (+), KI (+)			
		(2) If CR+, KI-, add 10# "as is" increments Assume 38%		725-A	
		Record: CR (+), KI (+)			
	18	Weigh in rubber bucket & wash into DV	5	395-D	5
	19	Stir 5 min & Record: KI (-)			
	20	If necessary, adj to -KI & Record: KI (-)	2	395-D	2
	21	Dump in	25	113-A	25
	22	Dump in & stir 15 min	10	777-A	10
	23	Pump DV thru clarif press into V- 323 maintaining temp at	2 x 330	57-A	660
		28-32°F Record: Time Start 2:45 PM Total min 3.5			

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EQUIPMENT		PAGE 2 CG 40 CODE RT-539-D (N) EST. WGT. 486 LBS.	USE LBS.	N CODE	ACC'T LBS.
DV 5 Cont'd	24	When S 23 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -OR test on a sample of total press effluent, whichever comes first, collect washings in DV (S23)	330	37-A	330
	25	Stir 5 min & record: Temp 30 (28-32°F) & if necessary, adj to 28-32°F Record: °F			
	26	Record: Vol 25 " & hold for S 42			
260 6	27	Install V-260 temp chart & set agitator at 16 rpm			
	28	Run in 20" (1388 G) water			
330	29	Run 23" (1450 G) water into V-330			
	30	Slurry in 20 G water & pour in	13	30-A	13
	31	Dump in from S 2 & stir 10 min to wet LOT 3223	308	151-C	308
	32	Pour in Assume 50%	156	7-D	78
	33	Heat to 155-162°F AFAP Record: Min 7			
	34	Stir 5 min to dissolve			
		Record: Solution Color D.B (Dark Brown)			
		Clarity CK (Must be Clear)			
		Note: If solution not dark brown & clear, heat to 185-192°F AFAP & Record: Color (Dark Brown)			
		Clarity (Must be Clear)			
260 8	35	Immediately run V-330 into CV, no agitation in CV			
	36	Immediately start agitator & siphon in in 15-20 min M12 80.3#	2	30-D	58
	37	Stir 5 min & Record: pH 11.7 (11.0-12.0)			
	38	If necessary, adj to pH 11.0-12.0 Assume 50%		7-D	
		& Record: pH Assume 75%		30-D	
	39	Run in V-302 or V-314			
	40	Dump in		65-A	
	41	Heat to 148-152°F in 15-20 min & record: HT 150 F & Rec 150 F			
	42	When S 26 complete, couple DV undersurface in 65-70 min			
		Maintain CV at 148-152°F Record: Start 1:10p Total Min 75			
	43	Record: Diazo — (- or +), Base + must be +			
		pHH 4.7 (4.5-5.0)			
	44	Stir 15 min Record: Start			
	45	When S 44 stir complete, test CV &			
		Record: Diazo must be -, Base must be +			
		pH (4.6-5.0)			
	46	If S 45 diazo is + and base is also +, sift in 20# N-3-A & stir to - diazo. WATCH FOAM		3-A	
		Record: Diazo must be -, Base must be +			
		pH (4.8-5.2) Total min since S 43			
	47	Flood to 82" (9126 G) & stop agitator			
		START FIN OPTR			
		7:00a 3:15p 223			

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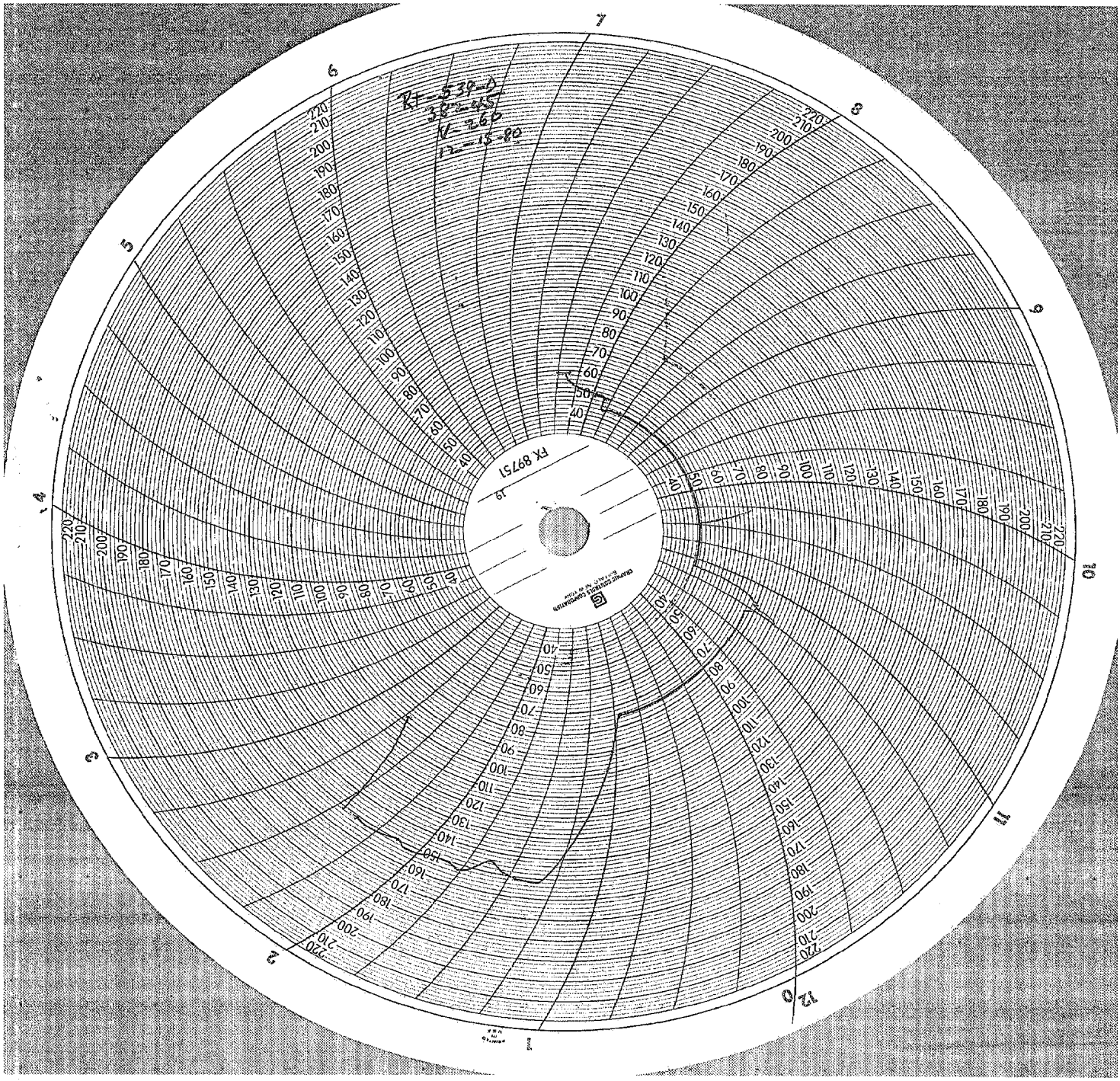

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