S.V. C.V. 260 D.V. 303, 315, 317, 322, 323

CG 40 CODE RT-531-D PKG. _____

→ AUG 13 80 36820

EST. WGT. 665 LBS.

STD. HRS. _____ TIME 11P M

PROCESSES		APPROVED BY
( ) RT-531-D	(N)	BBK 04-25-77
(C) RT-160-P	( )	DCG 04-26-77
( )	( )	MTW 04-27-77
( )	( )	
TYPED BY		
emw042977		

PUNCHED & CHECKED AUG 14 1980

AUG 18 1980

NON-BLEEDING

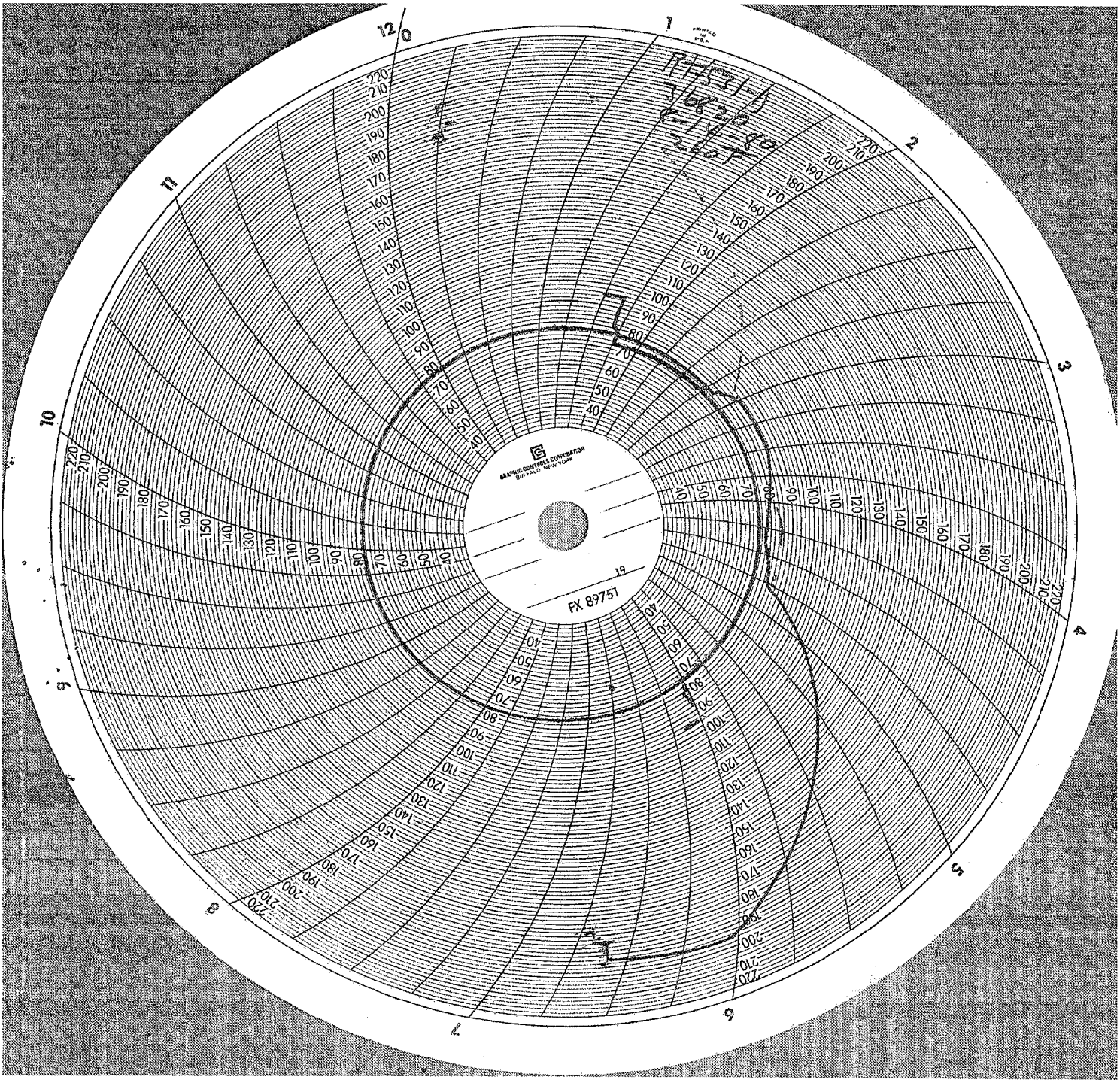
EQUIPMENT		NAME: NAPHTHANIL® RED LIGHT	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1	Obtain for S 6		504-C	
	2	Obtain for S 18		150-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
DV 2	4	Run 20" (486 G) water into V-303			
	5	Run in from V-324 M , 31.62 %	398	28-D	126
	6	Dump in from S 1 Lot		504-C	~~210~~
		4868	200		211
		4813	11		
	7	Add & stir 15 min to wet Lot		~~396-C~~	
	8	Adj to 43" (1020 G) at 40-45°F 9	3x 330	57-A	2970
	9	Pour in AFAP M 9 , 33.12 %	387	725-A	95
	10	Stir 5 min & Record: CR + (+) M , %		28-D	
		KI + (+), Temp 40 (40-45°F) M , %		725-A	
	11	Stir 10 min at 40-45°F maintaining + CR & + KI for S 13		57-A	
		Record: Start 1015P CR + (+), KI + (+)		725-A	
Misc 3	12	Slurry in 40 Gal water in drum & precoat clarif press WEST	5	777-A	5
DV 4	13	When S 11 stir complete, dump in	15	113-A	15
	14	Dump in	10	777-A	10
	15	Stir 30 min at 40-45°F maintaining + KI for S 23		725-A	
		Record: Start 1030P KI + (+)		57-A	
~~330~~ 5	16	Run 13" (177 G) water into V-330			
	17	Slurry in 25 G water & pour in	16 ~~22~~	39-A	16 ~~22~~
	18	Dump in from S 2 & stir 30 min or longer to wet Lot		150-C	370
		Record: Start 1100 hrs 70583	338		
		70584	172		
		70017	66		
302 6	19	Run ~~12"~~ 18" (144 G) water into V-~~302~~ 314			
314	20	Pour in Assume 50%	58	7-D	29
	21	Siphon in & stir 3 min M 9 , 79.08 %	54	30-D	43
	22	Record: pH 8.5 (6.7-7.5) 48.04 Assume 50%		7-D	
		If necessary adj to 6.7-7.5, Record: pH 6.8 Assume 75%		30-D	

IPMENT		PAGE 2 CG 40 CODE RT-531-D (N) EST. WGT 665 LBS.	USE LBS.	N CODE	ACCT LBS.
V	23	Pump DV thru clarif press into V-329 maintaining temp at	2 x 330	57-A	660
7		40-45°F. Record: Start 12:25 PM Total Min 25			
		NOTE: Do not use V-303 - too small			
	24	When S 23 clarif complete, wash DV (S 4) lines, pump & press			
		for 20 min or to a -CR test on a sample of total press			
		effluent, whichever comes first			
		collect washings in DV (S 23)			
		Record: Start 8:00 PM CR — (- or +)			
	25	When S 24 is complete, test DV (S 23) & Record:		725-A	
		KI (+), Temp 40 (40-45°F)		57-A	
	26	Weigh in Rubber Bucket & Rinse in & stir 3 min	10	395-D	10
	27	Record: KI —. Must be - & If necessary adj to - KI		395-D	
	28	Adj to 56" (1925 G) at 40-45°F	1 x 330	57-A	330
		Ewk 5/15/87 390			
260	29	Run 56" (3900 G) water into V-260			
8	30	Install Temp Chart & Set Agitator at 16 RPM			
330	31	When S 18 stir complete pour in, in 3-4 min Assume 50%	220	7-D	110
9	32	Heat to 128-132°F AFAP & stir 5 min to dissolve. Stop			
		agitator			
60	33	Immediately run V-330 AFAP into CV. No agitation in CV			
10		Record: Start 2:50 PM Total Min 8			
	34	Pour in & stir 5 min M , 79.08%	150	30-D	150
	35	Record: pH 10.5 (10.5-11.0) Assume 50%		7-D	
		If necessary adj to pH 10.5-11.0 Record: pH Assume 75%		30-D	
	36	Run in V-302 AFAP			
	37	Dump in	35	65-A	35
	38	Heat to 78-82°F & Record: HT 82 °F & Rec 80 °F			
	39	When S 28 complete, couple DV undersurface in 65-70 min			
		Maintain CV at 78-82°F Record: Start 3:30 PM Total Min 70			
	40	Record: Diazo — (- or +)			
		Base + Must be +			
		pH 4.5 (4.2-4.6)			
	41	If necessary stir to - diazo Record: Start Total Min			
		Record: Diazo Must be -			
		Base Must be +	45		
		pH (4.2-4.6)			
sc	42	Dissolve in 30 G water at 130-140°F in drum for S 43	30	567-B	30
11					
50	43	Pour in N-567-B sol'n from S 42			
12	44	Heat to 194-196°F in 55-60 min & Record: HT 196 °F & Rec 196 °F			
sc	45	Dissolve in 35 G water at 140-150°F in drum for S 46	60	15-A	60
13					
50	46	When S 44 heating complete, pour in N-15-A sol'n from S 45			
14		into CV			
	47	Stir 30 min at 194-196°F			
	48	Flood to [redacted] G) & stop agitator			
		Ewk 3/22/7880" (7928G)			

VAT	V-303	V-315	V-317	V-322	V-323
S 4 (486 G)	20"	14"	14"	14"	14"
S 8 (1020 G)	43"	30"	30"	30"	30"

START	FIN	OPTR
2:00 PM	2:55 PM	86
830	1100 P	259
12:30 AM	6:45 AM	320

DUP050106917



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