MAKING INSTRUCTIONS: BATCH UNIT

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

CG 40 CODE RT-531-D PKG.

→ JUL·16·80 36547

EST. WGT. 665 LBS.

STD. HRS. TIME 3P 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

JUL 18 1980 JUL 16 1980

NON-BLEEDING

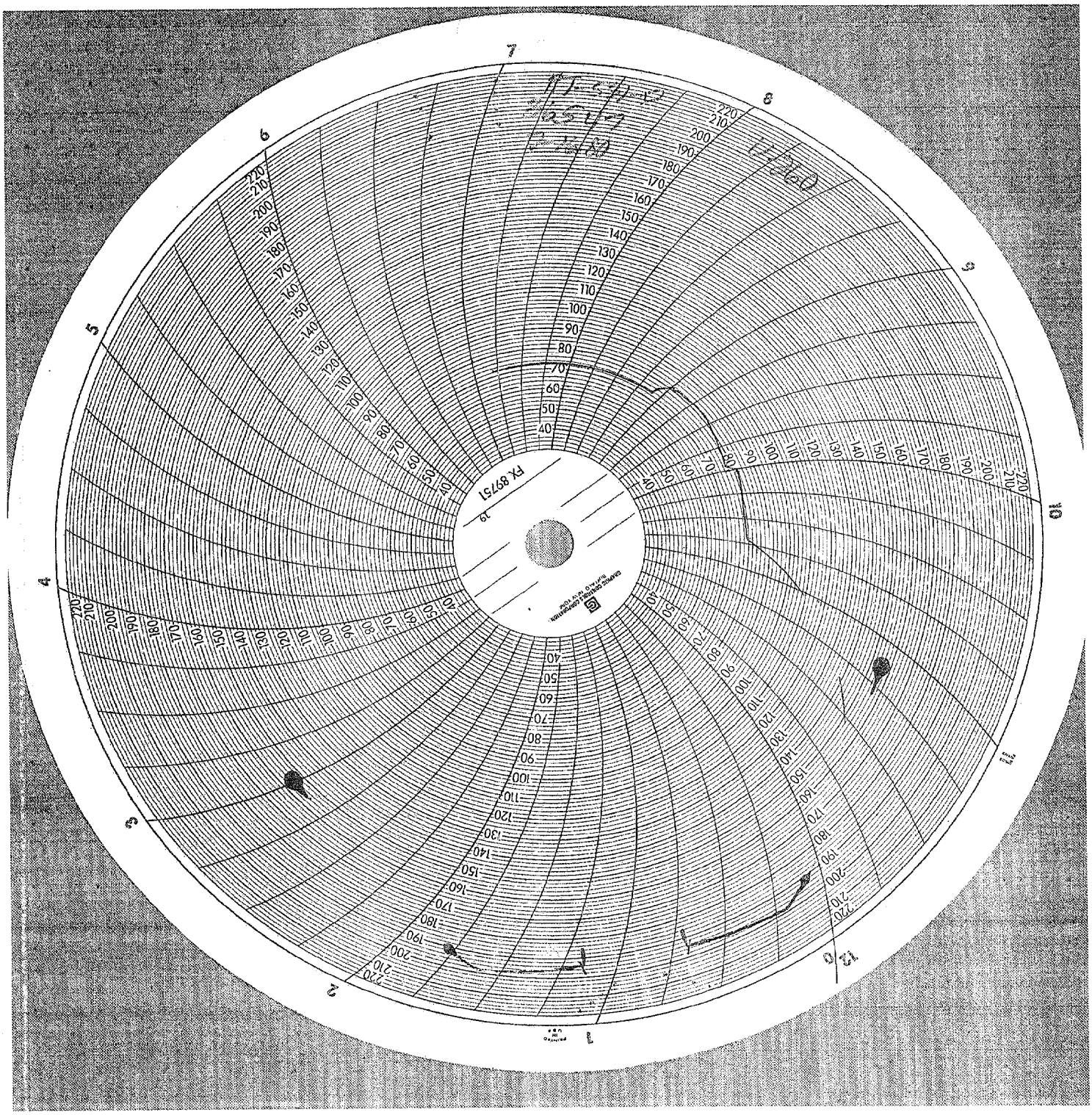
EQUIPMENT		NAME: NAPHTHANIL® RED LIGHT	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1	Obtain for S 6		504-C	
	2	Obtain for S 18		150-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
DV 2	4	Run 20" (486 G) water into V-303			
	5	Run in from V-324 M 6 , 30.85 %	408	28-D	126
	6	Dump in from S 1 Lot		504-C	210
	7	Add & stir 15 min to wet Lot 25 [illegible]	2	396-C	1
	8	Adj to 43" (1020 G) at 40-45°F	3x 330	57-A	2970
	9	Pour in AFAP M 8 , 33.62 %	283	725-A	95
	10	Stir 5 min & Record: CR 7 (+) M , %		28-D	
		KI 4 (+), 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 5:05 PM CR (+), KI (+)		725-A	
Misc 3	12	Slurry in 40 Gal water in drum & precoat clarif press	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 5:30 PM KI 4 (+)		57-A	
330 5	16	Run 13" (177 G) water into V-330			
	17	Slurry in 25 G water & pour in	16 ~~24~~	39-A	16 ~~24~~
	18	Dump in from S 2 & stir 30 min or longer to wet Lot		150-C	370
		Record: Start 5:50 PM			
302 6	19	Run 12" (144 G) water into V-302			
	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 7.1 (6.7-7.5) Assume 50%		7-D	
		If necessary adj to 6.7-7.5, Record: pH Assume 75%		30-D	

EQUIPMENT		PAGE 2 CG 40 CODE RT-531-D (N) EST. WGT. 665 LBS.	USE LBS.	N CODE	ACCT. LBS.
DV 7	23	Pump DV thru clarif press into V-223 maintaining temp at 40-45°F. Record: Start 1:05 PM Total Min 65	2 x 330	57-A	660
		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 [illegible] collect washings in DV (S 23) Record: Start 7:10 CR — (- or +)			
	25	When S 24 is complete, test DV (S 23) & Record:		725-A	
		KI + (+), Temp 42 (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 3	1 x 330	57-A	990
260 8	29	Run 39" (3900 G) water into V-260			
	30	Install Temp Chart & Set Agitator at 16 RPM			
330 9	31	When S 18 stir complete pour in, in 3-4 min Assume 50%	220	7-D	110
	32	Heat to 128-132°F AFAP & stir 5 min to dissolve. Stop agitator			
260 10	33	Immediately run V-330 AFAP into CV. No agitation in CV Record: Start 8:50 PM Total Min 7			
	34	Pour in & stir 5 min M 9 , 79.08 %	190	30-D	150
	35	Record: pH 10.8 (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 81 °F & Rec 81 °F			
	39	When S 28 complete, couple DV undersurface in 65-70 min Maintain CV at 78-82°F Record: Start [illegible] Total Min 70			
	40	Record: Diazo — (- or +) Base + Must be + pH 4.2 (4.2-4.6)			
	41	If necessary stir to - diazo Record: Start Total Min Record: Diazo Must be - Base Must be + pH (4.2-4.6)			
Misc 11	42	Dissolve in 30 G water at 130-140°F in drum for S 43	30	567-B	30
260 12	43	Pour in N-567-B sol'n from S 42			
	44	Heat to 194-196°F in 55-60 min & Record: HT °F & Rec °F			
Misc 13	45	Dissolve in 35 G water at 140-150°F in drum for S 46	60	15-A	60
260 14	46	When S 44 heating complete, pour in N-15-A sol'n from S 45 into CV			
	47	Stir 30 min at 194-196°F			
	48	Flood to 80" (7928 G) & stop agitator			

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
[illegible]	[illegible]	37
HPm	1245	282

DUP050106807



DUP050106808