C.V. 105 (106) D.V. (300) 315, 317, 322, 323

CO 46 CODE YT-808-D PKG.

NOV 17 80 37966

USE FLAKE CAUSTIC

EST. WGT. 2238 LBS.

HRS. TIME 7A

PUNCHED & CHECKED

NOV 2 3 198

PROCESSES		APPROVED BY
( ) YT-808-D	(D)	EWK 9/27/77
( ) YT-810-D	(C)	BBK 10/14/77
( )	( )	DCG 10/17/77
( )	( )	MTW 10/18/77
TYPED BY JTC 10/26/77		

CLEAN UP AS YOU GO ALONG LEAVE ONE STUMP ONLY

NON-BLEEDING

PMENT		NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
PREP	1	Obtain for S 6		157-C	
	2	Obtain for S 22		46-C	
	3	Clean, dress, close 24" clarif press - 15 frames EAST			
DV	4	Run 10" (323 G) water into V-300			
2	5	Weigh in from V-324 M 10 31.35 %	1461	28-D	458
	6	Dump & rinse in drums from ST		157-C	974
		LOT # 100% %			
		246 128 49.0	260		
		306 106 60.8	175		
		306 103 58.8	175		
		246 125 48.2	260		
		280 128 73.0	175		
		282 134 76.4	175		
		305 140 79.8	175		
		280 65 72.8	89		
		282 30 55.2	54		
		306 15 58.0	26		
	7	Stir 10 min or longer to wet			
	8	Adj to 33" (1155 G) at 28-32°F	3 ~~10~~x330	57-A	4290
	9	Siphon in in 12-15 min M 12 33.16 %	1221	725-A	405
	10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
		RECORD: Time Start 7:05PM CR + (+), KI + (+)			
		NOTE:			
		(1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-D	
		RECORD: CR (+), KI (+)			
		(2) If CR+, KI-, add 20# "as is" increments Assume 33%		725-A	
		RECORD: CR (+), KI (+)			
MISC	11	Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
3					
DV	12	When S 10 stir complete, dump in	15	113-A	15
4	13	Dump in	10	777-A	10
	14	Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
		RECORD: Time Start 7:35PM CR + (+), KI + (+)			
		NOTE:			
		(1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-D	
		RECORD: CR (+), KI (+)			
		(2) If CR+, KI-, add 20# "as is" increments Assume 33%		725-A	
		RECORD: CR (+), KI (+)			

PAGE 2 CG 46 CODE YT-808-D (D) EST. WGT. 2238 LBS.

EQUIPMENT			USE LBS.	N CODE	ACCT. LBS.
CV 5	15	Run 10" (970 G) water into V-106 & install temp chart			
	16	Pour in M , #	466	727-D	466
→	17	Adj to 40" (3904 G) at 66-70°F	3 x 330	57-A	—
	18	Close stack damper			
	19	Stir for S 22			
DV 6	20	When S 14 stir complete, test DV & record			
		CR + (+), KI + (+) Temp: 28 (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 20# "as is" increments Assume 33%	—	725-A	—
		RECORD: CR (+), KI (+)			
→	21	Pump DV thru clarif press into V-315 maintaining	2 x 330	57-A	660
		temp at 28-32°F RECORD: Time Start 8:45A Total Min 135			
CV 7	22	Dump into CV from S 2 LOT #100% %	1265	46-C	1265
		NOTE: BREAK UP LUMPS EASTMAN			
	23	Stir 10 min to dissolve			
	24	Open stack damper			
	25	Run in undersurface in 20-25 min M 11 , 76.63 %	930	30-D	713
	26	Stir 5 min & Record: pH 5.4 (5.8-6.3)			
→	27	If necessary, adj to pH 5.8-6.3 and Assume 50%	10	727-D	10
		RECORD: pH 5.8 (5.8-6.3) Assume 77%		30-D	
DV 8	28	When S 21 clarif complete, wash DV (S 4) lines, pump & press			
		for 20 min or to a -CR test on a sample to total press			
		effluent, whichever comes first. Collect washings in DV (S 21)			
		RECORD: Time Start 11:00 PM CR — (- or +)			
	29	Stir 5 min & Record: Temp 30 (28-32°F) & if necessary,	—	57-A	—
		adj to 28-32°F. RECORD: °F			
	30	Weigh in rubber bucket & wash into DV	10	395-D	10
	31	Stir 5 min & RECORD: KI — (-)			
	32	If necessary, adj to -KI & RECORD: #KI —	2.5	395-D	2.5
	33	RECORD: DV 60 "			
MISC 9	34	Weigh in drums for S 41 M , #	296	727-D	296
	35	Dissolve in 20 gal water in drum for S 43	62	979-A	62
CV 10	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F			
	37	Check accuracy: HT 80 °F & Recorder 82 °F			
	38	Immediately run in DV thru undersurface distributor in			
		60-65 min. Maintain CV at 80-84°F			
		RECORD: Time Start 11:50 PM Total Min 65			
	39	When S 38 complete, stir 10 min			

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EQUIPMENT		PAGE 3 CG 46 CODE YT-808-D (D) EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACC LBS
CV 80 (Cont'd)	40	RECORD: Diazo − (−), Base + (+) pH ≤ 3 (4.3-4.7)			
		NOTE:			
		(1) If Diazo +, Base −, and pH below 4.3:			
		(a) adj to pH 4.3-4.7 Assume 5[illegible]%	—	22?-D	—
		(b) record: pH			
		(2) If Diazo +, Base −, and pH 4.3 or above:			
		(a) add 8# 100% N-7-D to a 55 G drum	—	22?-D	—
		(b) adj with water to ± 25 G			
		(c) add 20# 100% N-46-C	—	46-C	—
		(d) stir to dissolve			
		(e) pour into CV			
		(f) stir 10 min			
		(3) Repeat (1) & (2) above as necessary to − Diazo, + Base			
	41	Pour in N-7-D from S 34 & stir 5 min			
	42	RECORD: pH 5.5 (8.0-8.5) & if necessary Assume [illegible]%	40	22?-D	4[illegible]
		Adj to pH 8.0-8.5. RECORD: pH 8.1 Assume 32%	—	28-D	—
	43	Dump in N-979-A from S 35			
	44	Heat to 190-194°F in 58-62 min			
	45	Stir 30 min at 190-194°F RECORD: Time Start 2:40 PM			
	46	Flood to 94" (9174 G) & stop agitator			

START	FIN	OPTR
3:00 AM	11:00 AM	322
11:00 PM	3:30 PM	237

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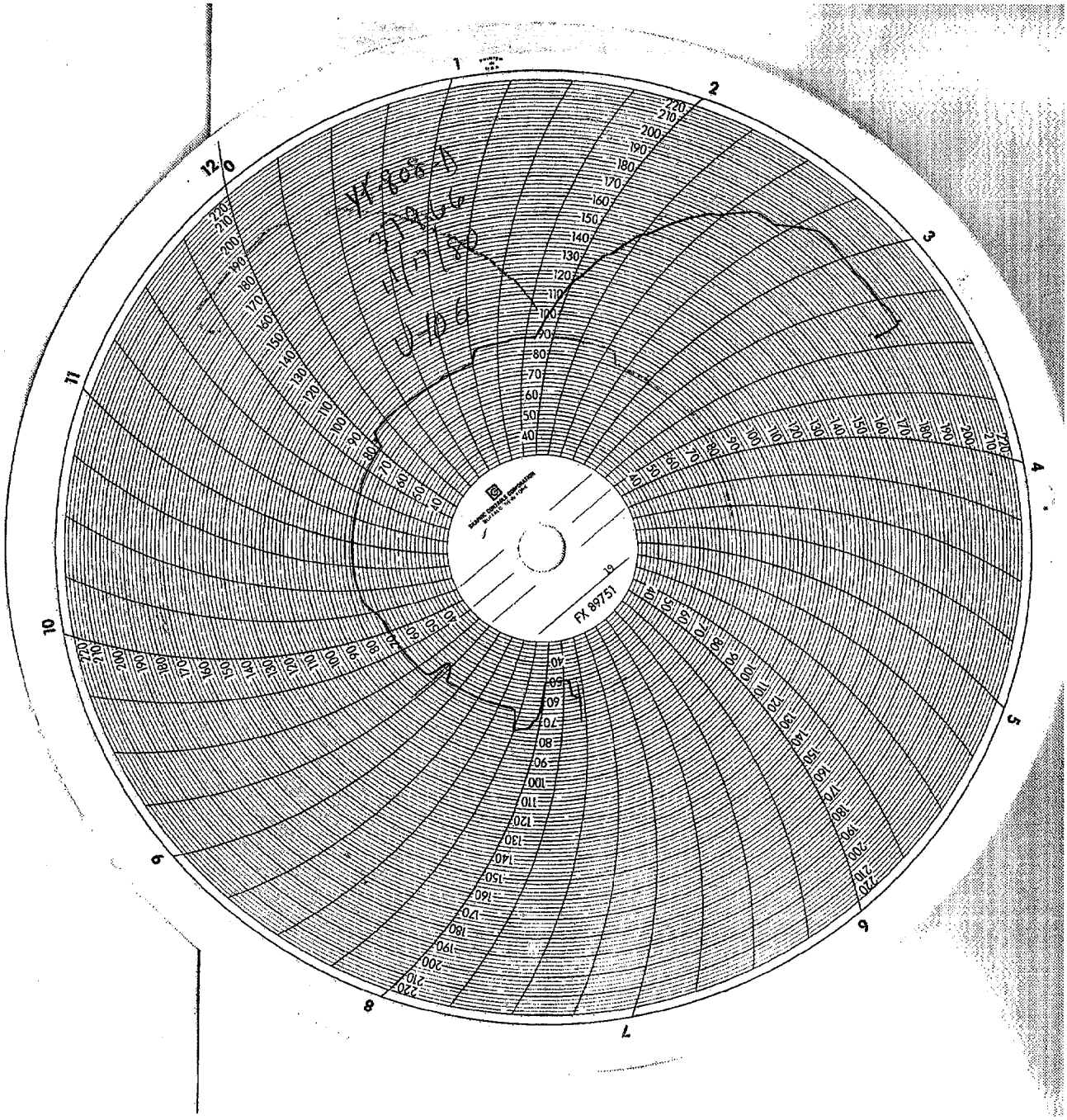

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