MAKING INSTRUCTIONS: BATCH UNIT

C.V. 105, (106)

D.V. 300, 315, 317, 322, 323

CG 46 CODE YC-11-A PKG. _____

→ NOV·20 80 37990

EST. WGT. 1700 LBS.

STD. HRS. _____ TIME _____ M

PROCESSES		APPROVED BY
(D) YC-11-A	( )	EWK 9-27-77
( ) ALTERNATE	( )	BBK 10-17-77
( )	( )	DCG 11-29-77
( )	( )	MTW 12-1-77
TYPED BY		
JJC 12-8-77		

NON-BLEEDING

IPMENT		NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1	Obtain for S 6		157-C	
	2	Obtain for S 22		46-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
DV 2	4	Run 10" (323 G) water into V- 300			
	5	Weigh in from V-324 M 10 , 31.35 %	1110	28-D	348
	6	Dump & rinse in drums from S 1		157-C	740
		LOT # 100% %			
		252 131 65.6	200		
		252 132 66.0	200		
		252 133 66.4	200		
		270 104 52.0	175		
		270 109 54.0	175		
		280 147 72.6	175		
		305 41 81.6	55		
	7	Stir 10 min or longer to wet			
	8	Adj to 25" (8756) at 28-32°F	11 x 330	57-A	3630
	9	Siphon in in 12-15 min M 12 , 33.16 %	405	725-A	[redacted]
	10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			300
		Record: Time Start 1:55, 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%			
		Record: CR (+), KI (+)			
Misc 3	11	Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
DV 4	12	When S 10 stir complete, dump in	11	113-A	11
	13	Dump in	8	777-A	8
	14	Stir 30 min at 28-32oF maintaining + CR, + KI for S 20		57-A	
		Record: Time Start 2:30, CR + (+), KI + (+)			
		Note:			
		(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-A	
		Record: CR (+), KI (+)			
		(2) If CR +, KI -, add 20# "as is" increments Assume 33%		725-A	
		Record: CR (+), KI (+)			

RM

N35241

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACCT LBS.
CV 5	15	Run 10" (970 G) water into V-105 & install temp chart			
	16	Pour in M Flake, 1 %	354	721-D	354
	17	Adj to 30" (29286) at 66-70°F	2 x 330	57-A	
	18	Close stack damper			
	19	Stir for S 22			
DV 6	20	When 14 stir complete, test DV &			
		Record: CR 1 (+), KI 1 (+), Temp: 20 (28-32°F)		57-A	
		Note:			
		(1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-A	
		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-312 maintaining temp	2 x 330	57-A	660
		at 28-32°F Record: Time Start 2:40P Total Min 140			
CV 7	22	Dump into CV from S 2 LOT # 100% %		46-C	961
		Note: Break up lumps 80 565 961 100	961		
	23	Stir 10 min to dissolve			
	24	Open stack damper			
	25	Run in undersurface in 20-25 min M 11, 76.63 %	707	30-D	542
	26	Stir 5 min & Record: pH 5.8 (5.8-6.3)			
	27	If necessary, adj to pH 5.8-6.3 & Assume 50%		7-D	
		Record: pH (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 of total press			
		effluent whichever comes first. Collect washings in DV (S 21)			
		Record: Time Start 4:10, CR — (- or +)			
	29	Stir 5 min & Record: Temp 20 (28-32°F) &		57-A	
		if necessary, adj to 28-32°F. Record: °F			
	30	Weigh in rubber bucket & wash into DV	8	395-D	8
	31	Stir 5 min & Record: KI 1 (-)			
	32	If necessary, adj to -KI & Record: KI 1 (-)	15	395-D	15
	33	Record: DV 51 "			
Misc 9	34	Weigh in drums for S 41 M Flake %	225	7-D	225
	35	Dissolve in 20 gal water in drum for S 43	47	979-A	47
CV 10	36	When S 33 complete, adj CV to 36" (35136) at 80-84°F)			
	37	Check accuracy: HT 82 °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 5:20P Total Min 20			
	39	When S 38 complete, stir 10 min			

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