

CG 46 CODE YC-11-A PKG.

→ AUG 30 80 36967
EST. WGT. 2238 LBS.

STD. HRS. TIME 7A 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			
JIC 12-8-77			

AUG 30 1980

NON-BLEEDING

EQUIPMENT	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- 320			
	5 Weigh in from V-324 M 7, 31.62 %	1442	28-D	458
	6 Dump & rinse in drums from S 1 70		157-C	974
	LOT # 100%			
	210 126 78.9	170		
	210 116 68.4	170		
	210 126 74.0	170		
	210 122 71.6	170		
	210 124 72.7	170		
	209 105 58.6	180		
	210 130 76.7	170		
	210 121 71.4	170		
	209 4 60.0			
misc 3 DV 4	7 Stir 10 min or longer to wet			
	8 Add to 33" (1155 G) at 28-32°F 25	10 x 330	57-A	8250
	9 Siphon in in 12-15 min M 33.12 %	1223	725-A	405
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	Record: Time Start 8:50, 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 DV 4	11 Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
	12 When S 10 stir complete, dump in	15	113-A	15
	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 9:20A, 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 (+)			

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt	EST. WGT. 2238	LBS.	USE LBS.	N CODE	ACC LBS
CV 5	15	Run 10" (970 G) water into V- 106	& install temp chart				
	16	Pour in	M	48.04 %	970	7-D	466
	17	Adj to 40" (3904 G) at 66-70°F		8	8 x 330	57-A	2640
	18	Close stack damper					
	19	Stir for S 22					
DV 6	20	When 14 stir complete, test DV &					
		Record: CR + (+), KI + (+), Temp: 32 (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 (+)					
CV 7	21	Pump DV thru clarif press into V- 318	Maintaining temp	✓	8 x 330	57-A	2640
		at 28-32°F Record: Time Start 9:50 A, Total Min 60					
	22	Dump into CV from S 2	LOT # 100%	%		46-C	1265
		Note: Break up lumps	00520	600	95.8	627	
			00470	400	91.6	436	
DV 8			00650	200	96.8	207	
			00640	65	96.8	67	
	23	Stir 10 min to dissolve					
	24	Open stack damper					
	25	Run in undersurface in 20.25 min	M	79.08 %	902	30-D	713
	26	Stir 5 min & Record: pH 5.5 (5.8-6.3)					
	27	If necessary, adj to pH 5.8-6.3 &		Assume 50%	40	7-D	20
Misc 9		Record: pH 5.9 (5.8-6.3)		Assume 77%		30-D	
	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 10:50 A, CR - (- or +)					
	29	Stir 5 min & Record: Temp 32 (28-32°F) &				57-A	
		If necessary, adj to 28-32°F. Record: °F					
CV 10	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 - (-)			10	395-D	10
	33	Record: DV 56 "					
	34	Weigh in drums for S 41	M	48.04 %	616	7-D	296
CV 10	35	Dissolve in 20 gal water in drum for S 43			62	979-A	62
	36	When S 33 complete, adj CV to 48" (4685 G) 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					
CV 10		Record: Time Start 11:50 A, Total Min. 60					
	39	When S 38 complete, stir 10 min					

EQUIPMENT	PAGE	CG	CODE	(D)YC-11-A Alt. EST. WGT.	2238	LBS.	USE LBS.	N CODE	AC LI
CV 10 Cont'd	40			Record: Diazo - (-), Base + (+), pH 4.2 (4.3-4.7)					
				Note:					
				(1) If Diazo +, Base -, and pH below 4.3:					
				(a) adj to pH 4.3-4.7	Assume 50%			7-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				7-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 50%	80		7-D	40
				adj. to pH 8.0-8.5. Record: pH 8.2	Assume 32%			28-D	
	43			Dump in N-979-A from S 35					
	44			Heat to 200-204°F in 58-62 min					
	45			Stir 60 min at 200-204°F. Record: Time Start 1:40 P					
	46			Flood to 94" (9174 G) & stop agitator					
				START	FIN	OPTR			
				7:00 A	3:00 P	2:59-129			

