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

CG 46 CODE YC-11-A PKG.

OCT-1-80 37301

FST. 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		
JTC 12-8-77		

2 JS

23
63
86

OCT 1 1980

NON-BLEEDING

PMENT		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 EAST			
DV 2	4	Run 10" (323 G) water into V-300			
	5	Weigh in from V-324 M 7, 31.62 %	1448	28-D	458
	6	Dump & rinse in drums from S 1		157-C	974
		LOT # 100% %			
		250 181 72.2	250		
		250 188 75.2	250		
		250 196 78.4	250		
		250 185 73.8	250		
		250 182 72.8	250		
		251 34 66.6	51		
		251 8 67.4	12		
	7	Stir 10 min or longer to wet			
	8	Adj to 33" (1155 G) at 28-32°F	~~10~~ 15 x 330	57-A	4950
	9	Siphon in in 12-15 min M 11, 33.21 %	1220	725-A	405
	10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
		Record: Time Start 9:35, 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	15	113-A	15
	13	Dump in	10	777-A	10
	14	Stir 30 min at 28-32oF maintaining + CR, + KI for S 20		57-A	
		Record: Time Start 10:05, 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 (+)			

REV.

N35165 DUP050107988

QUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. WGT. 2238 LBS.	USE LBS.	N CODE	A L
CV 5	15	Run 10" (970 G) water into V-106 & install temp chart			
	16	Pour in M 11 , 49.64 %	939	7-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 14 stir complete, test DV &			
		Record: CR + (+), KI + (+), Temp: 29 (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-315 maintaining temp	2 x 330	57-A	660
		at 28-32°F Record: Time Start 10:45 AM Total Min 100			
CV 7	22	Dump into CV from S 2 LOT # 100% %		46-C	~~126~~
		Note: Break up lumps 01250 800 96.6	828		1265
		01260 400 96.8	414		
		01310 65 96.2	68		
	23	Stir 10 min to dissolve			
	24	Open stack damper			
	25	Run in undersurface in 20-25 min M 10 , 79.23 %	900	30-D	713
	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 1:00 AM, CR — (- or +)			
	29	Stir 5 min & Record: Temp 28 (28-32°F) &		57-A	
		if necessary, adj to 28-32°F. Record: °F			
	~~30~~	~~Weigh in rubber bucket & wash into DV~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
	~~31~~	~~Stir 5 min & Record: KI (-)~~			
	~~32~~	~~If necessary, adj to KI & Record: KI (-)~~		~~[illegible]~~	
	~~33~~	~~Record: DV "~~			
Misc 9	34	Weigh in drums for S 41 M 11 , 49.64 %	596	7-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 81 °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 1:40 PM Total Min 60			
	39	When S 38 complete, stir 10 min			

DUP050107989

EQUIPMENT		PAGE 3 CG 46 CODE (D)YC-11-A Alt. EST. WGT. 2238 LBS.	USE LBS.	N CODE	AI L
CV 10 Cont'd	40	Record: Diazo — (-), Base + (+), pH 4.3 (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 7.4 (8.0-8.5) & if necessary Assume 50%	4	7-D	2
		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 5:10 PM			
	46	Flood to 94" (9174 G) & stop agitator			

START	FIN	OPTR
1:00 PM 3:00 PM	3:00 PM 6:20 PM	320 381

FORM A

CODE _____ LOT _____ VATS _____ EQUIP. _____

DATE _____ OPER. _____ SUPERVISOR _____

1. Used all stumps, leave 1 stump identified.
2. Clean shovel.
3. Chute washed & top replaced.
4. Water hose coiled.
5. Steam ejector turned off after finished in vat.
6. Scale left clean.
7. Added ice to vat only when volume reaches agitator.
8. Floor cleaned around vats used.
9. Hoses coiled or on rack on diazo press.
10. Hoses not crossing walkway after finished.
11. Pump shut off after removing hose from intake.
12. Ice blower shut off after using.
13. All spills in area worked clean.
14. Door on instruments closed.
15. All empty drums removed from area & discarded.
16. Corrosive containers properly covered.
17. Top of vats cleaned of color, paper cups, strings, etc.
18. Vat door closed after finished - hatches on abbe's.
19. All tools cleaned & placed in rack or proper places.
20. Ice house clean - tools on racks.
21. Revolvator cleaned - platform & pit.

ATTACH TO MAKE CARD

DUP050107991

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