

V.

C.V.

106

MARKING INSTRUCTIONS: BATCH UNIT

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

CG 46 CODE YC-11-A PKG.

→ MAY -0-81-31522

EST. WGT. 2238 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			
JIC 12-8-77			

EAST-IRESS

NON-BLEEDING

U/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			
DV 2	4 Run 10" (323 G) water into V- 300			
	5 Weigh in from V-324 M 2, 32.00 %	1931	28-D	458
	6 Dump & rinse in drums from S 1		157-C	974
	LOT # 100%	%		
	291 89	50.6	175	
	308 131	74.8	175	
	294 94	53.8	175	
	308 129	73.6	175	
	298 124	70.6	175	
	292 129	73.8	175	
	299 141	80.4	175	
	308 129	73.6	175	
	307 8	72.4	11	
Misc 3 LV 4	7 Stir 10 min or longer to wet			
	8 Add to 33" (1155 G) at 28-32°F	15	10 x 330	57-A 4950
	9 Siphon in in 12-15 min M 7, 32.93 %	1200	725-A	405
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			395
	Record: Time Start 1154, 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 LV 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 1454, 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 (+)			

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EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. WGT. 2238	LBS.	USE LBS.	N CODE	ACGT. LBS.
CV 5	15	Run 10" (970 G) water into V-106 & install temp chart				
	16	Pour in M 9, 50.28 %	422	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: 28 (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 at 28-32°F Record: Time Start 2:20 A Total Min 80	2 x 330	57-A	660	
CV 7	22	Dump into CV from S 2 LOT # 100% %		46-C	1265	
		Note: Break up lumps 01930 400 96.2 416				
		02010 400 93.6 428				
		02140 400 94.0 426				
		01940 65 98.0 70				
	23	Stir 10 min to dissolve				
	24	Open stack damper				
	25	Run in undersurface in 20.25 min M 7, 79.03 %	902	30-D	713	
	26	Stir 5 min & Record: pH 6.1 (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 3:15 A, CR - (- or +)				
	29	Stir 5 min & Record: Temp 28 (28-32°F) & If necessary, adj to 28-32°F. Record: °F		57-A		
	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 - (-)	20	395-D	20	
	33	Record: DV 52 " (Must be -KI)				
Misc 9	34	Weigh in drums for S 41 M 9, 50.28 %	281	7-D	296	
	35	Dissolve in 20 gal water in drum for S 43	72	979-A	72	
CV 10	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F				
	37	Check accuracy: HT 80 °F & Recorder 80 °F				
	38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F				
		Record: Time Start 7:15 Total Min 62				
	39	When S 38 complete, stir 10 min				
		Immediately disconnect Transfer line at CV				

EQUIPMENT	PAGE 3 CG 46 CODE (D)YC-11-A Alt. EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACCT LBS.
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% (b) Record: pH 7-D (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 5.9 (8.0-8.5) & if necessary Assume 50% 7-D 35 adj to pH 8.0-8.5. Record: pH 8.5 Assume 32% 12 28-D 4 43 Dump in N-979-A from S 35 44 Heat to 200-204°F in 58-62 min 45 Stir min at 200-204°F. Record: Time Start 11:15 STIR 20 MIN at 200-204°F 46 Flood to 94" (9174 G) & stop agitator			
START 1100 P 7:00 PM 11:45 PM FIN 200 A 7:00 PM 1:25 PM OPTR 257-196 101 199				
V-106 REC 500 A				

CG 46 CODE YC-11-A PKG.
→ MAY -0-81- 1522
EST. WGT. 2238 LBS.

• D-2-A

PROCESSING INSTRUCTIONS: BATCH UNIT

PROCESSES
(D) YC-11-A

APPROVED BY
EWK 9-28-76
BBK 10-17-77
DCG 11-29-77

TYPED BY
JLC 12-8-77

MAKING NOTES

REMARKS

NAME: DALAMAR® YELLOW

BLEEDING

INSTRUCTIONS

- PRESSING -

RECORD

YAT	106				PRESSLOAD	1ST	2ND	3RD	4TH	5TH
DATE	5/21/80				STARTED	4AM				
TIME	11:25 PM				CAKES USED	64				
RELEASED BY	AW. JDS				WATER ON	1 PM				
PRESS	32	33	35	MI	HRS. WASHED	4				
NO. OF CAKES	60	62	60		OHMS	4000				
PRESS	WITHOUT	AGITATION			HRS. WASHED					
WASH TO	4000	OHMS	WITH 35-75°F WATER		OHMS					
TEST AFTER	4	HOURS			HRS. WASHED					
LOAD	IN METAL DRUMS AT 325# NET. PER DRUM				OHMS					
					CAKE CONDITION					
AIR BLOW PRESSCAKE 15 MIN AT 40PSI					NO. CARS LOADED					
					EXPLAIN LOSSES					

SAMPLES THIEF SAMPLE & FILL 1/2 oz. jar
DELIVER TO CTI for color

SAMPLED BY	RELEASED BY
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-DRYING-

DRY	-	HOURS AT	-	°F	LUMP:	- OK - WET - SALTS - CONTAMINATED
DO NOT DRY						
					ADDITIONAL DRYING HOURS REQUIRED	
SAMPLES DELIVER TO					NO. CARS PULLED SAMPLED BY	NO. DRUMS LUMP WGT. RELEASED BY

-GRINDING-

MILL	SCREEN	RPM	SCREEN	RPM
MAX. TEMP.	°F		MAX. TEMP.	°F
			EXPLAIN LOSSES	
SAMPLE AFTER / WITHOUT MIXING			DATE MIXED	
SAMPLES				
DELIVER TO	C T L		SAMPLED BY	RELEASED BY

DUP050098451

