

EQUIPMENT	NAME:	DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep	1	Obtain for S 6		557-C	
	2	Obtain for S 22		46-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
DV	4	Run 100 ^{15"} (323 G) water into V- 300			
	5	Weigh in from V-324 M 2 , 32.00%	1431	28-D	458
	6	Dump & rinse in drums from S 1		557-C	974
		LOT # 100% <u>2619</u> <u>974 China</u>	<u>974</u>		
Misc	7	Stir 10 min or longer to wet			
	8	Add to 33" (1155 G) at 28-32°F	10 x 330	57-A	2200
	9	Siphon in in 12-15 min M 7 , 32.93%	1275	725-A	420
	10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
		Record: Time Start <u>3:10</u> , CR <u>+</u> (+), KI <u>+</u> (+)			
		Note: (1) If CR -, KI -, add 20# "as is" increments Assume 32% Record: CR (+), KI (+)		28-D	
		(2) If CR +, KI -, add 20# "as is" increments Assume 33% Record: CR (+), KI (+)			
	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
LV	14	Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
		Record: Time Start <u>3:45</u> , CR <u>+</u> (+), KI <u>+</u> (+)			
		Note: (1) If CR -, KI -, add 20# "as is" increments Assume 32% Record: CR (+), KI (+)		28-A	
		(2) If CR +, KI -, add 20# "as is" increments Assume 33% Record: CR (+), KI (+)		725-A	

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-105 & install temp chart 16 Pour in M <u>B</u> , 49.83 % 17 Adj to 40" (3904 G) at 66-70°F 18 Close stack damper 19 Stir for S 22	935 3 x 330	7-D 57-A	466
DV 6	20 When 14 stir complete, test DV & Record: CR <u>+</u> (+), KI <u>+</u> (+), Temp: <u>32</u> (28-32°F) Note: (1) If CR-, KI-, add 20# "as-is" increments Assume 32% Record: CR (+), KI (+) (2) If CR+, KI-, add 20# "as-is" increments Assume 33% Record: CR (+), KI (+) 21 Pump DV thru clarif press into V-315, maintaining temp at 28-32°F Record: Time Start <u>5:00 AM</u> Total Min <u>135</u>		57-A 28-A 725-A	
CV 7	22 Dump into CV from S 2 LOT # 100% Note: Break up lumps <u>591</u> <u>465</u> 100% <u>597</u> <u>800</u> 100%	<u>465</u> <u>800</u>	46-C	1265
	23 Stir 10 min to dissolve 24 Open stack damper 25 Run in undersurface in 20.25 min M <u>6</u> , 77.93 % 26 Stir 5 min & Record: pH <u>5.8</u> (5.8-6.3) 27 If necessary, adj to pH 5.8-6.3 & Assume 50% Record: pH (5.8-6.3) Assume 77%	915	30-D 7-D 30-D	713
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 <u>11:55 A</u> , CR <u>-</u> (- or +) 29 Stir 5 min & Record: Temp <u>30</u> (28-32°F) & if necessary, adj to 28-32°F. Record: <u>30</u> °F 30 Weigh in rubber bucket & wash into DV 31 Stir 5 min & Record: KI <u>(-)</u> 32 If necessary, adj to KI & Record: KI <u>(-)</u> 33 Record: DV <u>56</u> "		57-A 395-D 395-D	
Misc 9	34 Weigh in drums for S 41 M <u>B</u> , 49.83 % 35 Dissolve in 20 gal water in drum for S 43	594 62	7-D 979-A	296 62
CV 10	36 When S 33 complete, adj CV to 48" (4685 G) at 80-84°F) 37 Check accuracy: HT <u>82</u> °F & Recorder <u>83</u> °F 38 Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F Record: Time Start <u>1:55 A</u> Total Min <u>80</u> <i>Immediately break</i> 39 When S 38 complete, stir 10 min <i>transfer line at CV</i> <i>Note - Defective hose restricted flow from V-315</i> <i>to Distributor line. Stop 38</i>			

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 4.4 (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 8.2 (8.0-8.5) & if necessary	Assume 50%			30	7-D	15
		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 200-204°F in 58-62 min						
	45	Stir 30 min at 200-204°F. Record: Time Start 10:10 A.M.						
	46	Flood to 94" (9174 G) & stop agitator						
		START	FIN	OPTR				
		12:15 A.M.	7:00 A.M.	281				
		7:00 A.M.	10:50 A.M.	381				



