C.V. 105, (106) C.V.

MARKS INSTRUCTIONS: BATCH UNIT

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

CG 46 CODE YT-840-P PKG.

OCT-28-80 37648

EST. WGT. 2297 LBS. (Toner)

STD. HRS. TIME 3A M

PUNCHED & CHECKED

OCT [illegible]

PROCESSES		APPROVED BY
( ) YT-840-P	( )	
( )	( )	
( )	( )	X00-25
( )	( )	
TYPED BY		

Bailout V-303 - Done.

FIRST Press

NON-BLEEDING

EQUIPMENT		NAME: "DALAMAR" YELLOW	USE LBS.	N CODE	ACCT. LBS.
PREP	1	Obtain for S20 5-nitro-2-aminoanisole		157-C	
1	2	Obtain for S's 6 & 38 acetoacet o-anisidine		46-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
303	4	Run 24" (583G) water into V-303		N-721-D	
	5	Pour in caustic soda soln M , 100%	24	7-D	24
	6	Weigh and dump in from S2		46-C	66
		Note: Break up lumps Lot #100% %			
		01370 68 92.0	68		
	7	Stir 45 min to dissolve for S11			
DV 3	8	During S7, run in 10" (323 G) water into V-300			
	9	Dump in and stir 5 min filter aid	5	777-A	5
	10	Pump DV thru clarif press to precoat			
303 4	11	When S7 stir complete weigh M 12 , 33.16 % sodium nitrite	63	725-A	21
	12	Adj to 60-62°F Record Temp 62 °F (ice)		57-A	
	13	Siphon in in 4-6 min 11 M Acetic Acid 76.63 %	184	30-D	141
	14	Adj to 49" (1175G) at 66-70°F		57-A	
	15	Stir 5 min and record: pH 4.1 (4.1-4.5)			
	16	If necessary, adj to pH 4.1-4.5 Assume 77% (acetic acid)		30-D	
		and record: pH Assume 50%		7-D	
	17	Stir 3 hrs minimum for S44 maintaining at 66-70°F			
		Record: Start 645AM Total min 210			
DV 5	18	During S 17 stir run 10" (323 G) water into V-300			
	19	Weigh in from V-324 M 9 , 32.60% (Muriatic Acid)	1405	28-D	458
	20	Dump in from S1 Lot #100% %		157-C	974
		281 282 80.4	350		
		255 122 60.8	200		
		250 117 58.6	200		
		283 154 73.8	175		
		255 116 58.0	200		
		295 118 59.2	200		
		254 44 60.1	52		
		251 41 67.4	60		

N35196

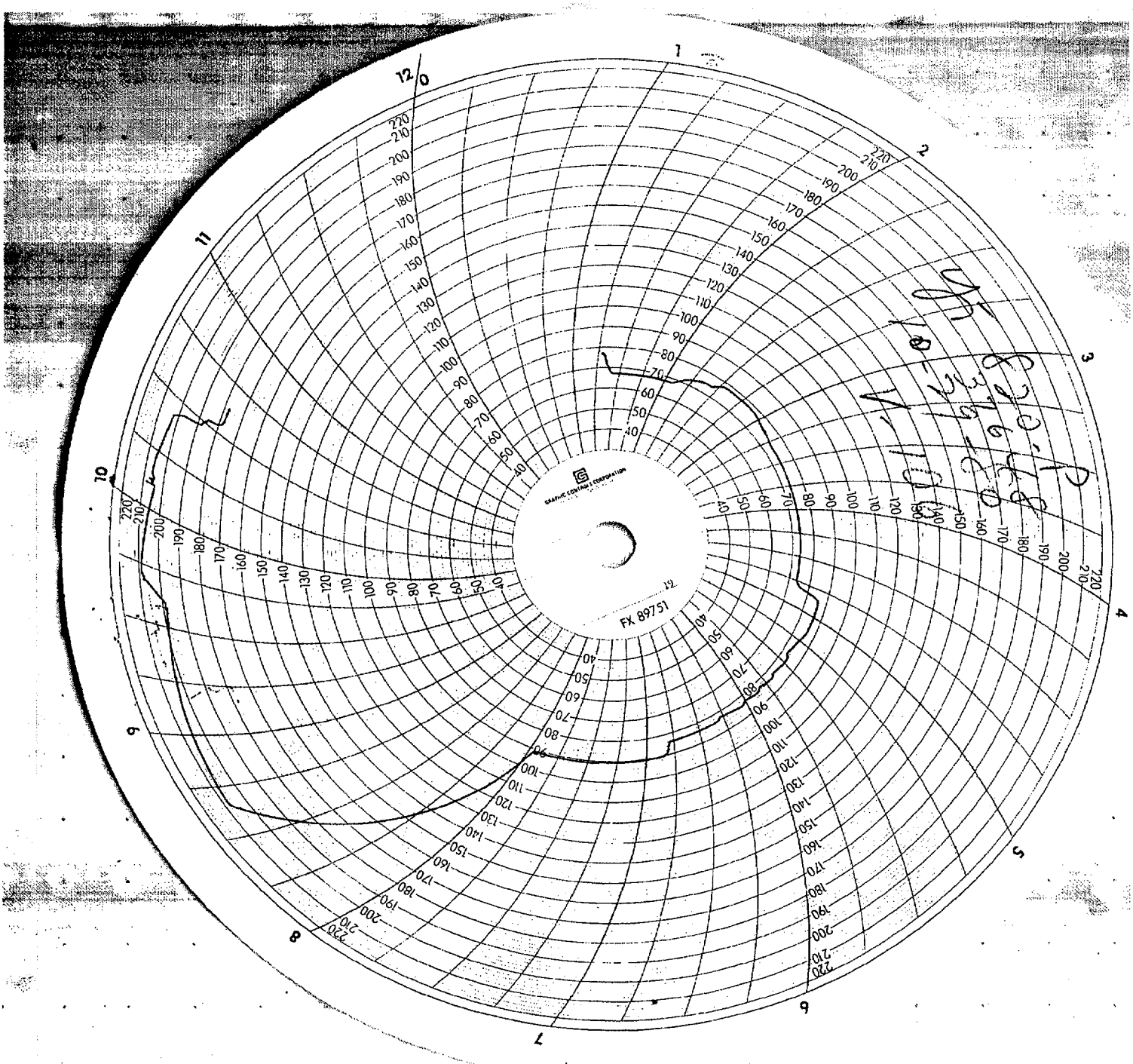
EQUIPMENT		PAGE 2 CG 46 CODE YT-840-P EST. WGT. 2297 LBS.	USE LBS.	N CODE	ACCT LBS.
DV 5 Cont.	21	Stir 10 min or longer to wet	15		
	22	Adj DV to 37" (1280 G) at 20-22°F	18x330	57-A	4950
	23	Siphon in in 12-15 min M 12 ; 33.16 %	1221	725-A	405
	24	Stir 30 min at 28-32°F maintaining + CR, + KI for S 27		57-A	
		Record: Time Start 9 AM , 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%		725-A	
		Record: CR (+), KI (+)			
				N-721	
Misc 6	25	During S 24 stir weigh in drums for S31 M , %	458	7-D	458
	26	Weigh in Buggy for S 41 M 11 , 26.63 %	976	30-D	748
DV 7	27	When S 24 stir complete, dump in Activated carbon	15	113-A	15
	28	Dump in Silver A8	10	777-A	10
	29	Stir 30 min at 28-32°F maintaining +CR, +KI for S 34		57-A	
		NOTE:			
		(1) If CR-, add 20# "as is" increments Assume 32%		28-D	
		Record: CR + (+) KI + (+)			
		(2) If CR+, KI-, add 20# "as is" increments Assume 33%		725-A	
		Record: CR (+), KI (+)			
CV 8	30	During S 29 stir, run 10" (970G) water into V-106 &			
		install temp chart			
	31	Pour in N-7-D from S25			
	32	Adj to 30" (2928G) at 66-70°F	3x330	57-A	
	33	Close stack damper			
DV 9	34	When S 29 stir complete, test DV & Record:			
		Record: CR + (+), KI + (+), temp 32 °F (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 (+)			
	35	Pump DV thru clarif press into V- 314 maintaining	2x330	57-A	660
		Temp at 28-32°F Record: time start 1015 Total min 240			
				N-721	
Misc. 10	36	During S35, weigh in drums for S56 M , %	350	7-D	350
	37	Dissolve in 20 gal water in drum for S59 (Igepal CO-630)	67	979-D	67
CV 11	38	Dump in from S2 Lot #100% %		46-C	1309
		Note: Break up lumps 01480 800 97.0	824		
		01310 82 96.2	85		
		01630 89 97.2	96		
		01370 338 99.0	348		
	39	Stir 10 min to dissolve			
	40	Open stack damper			
	41	Run in N-30-D from S26 undersurface in 20-25 min			
	42	Stir 5 min & Record: pH 6.2 (5.8-6.3)			
	43	If necessary, adj to pH 5.8-6.3 Assume 50%		7-D	
		& Record: pH Assume 77%		30-D	
	44	When S17 stir complete, run in V-303 on surface AFAP			

DUP050108110

EQUIPMENT		PAGE 3 CG 46 CODE YT-840-P EST. WGT. 2297 LBS.	USE LBS.	N CODE	ACC LBS
DV 12	45	When S35 complete, wash DV lines, pump & press for 20 min or to a - CR test on a sample of total press effluent, which ever comes first . collect washings in DV (S35)			
	46	Stir 5 min & record: Temp 32 (28-32°F) & if necessary, adj to 28-32°F Record: 28 °F, 58 "	3	57-A	990
	47	Weigh in rubber bucket & wash into DV Sulfuric Acid	10	395 U	10
	48	Stir 5 min & Record: KI + (-)			
	49	If necessary adjust to - KI & Record: KI —	7	395-D	7
CV 13	50	When S49 complete, adj CV to 38" (3708G) at 80-84°F & Record: HT 84 °F, REC 86 °F			
	51	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F. Record: Time Start 4.10 Pm Total min 63			
MISC 14	52	During S51, weigh in drum for S63 M . %	18	N-721 7-D	18
	53	During S51, weigh in rubberlined M 9 . 32.60 % Drum for S67	16#	28 D	55
CV 15	54	When S51 complete, stir 10 min			
	55	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 to min			
		(3) Repeat (1) & (2) above as necessary to - Diazo, + Base			
	56	Pour in N-7-D from S36			
	57	Stir 10 min & Record: pH 6.1 (9.5 - 10.5)			
	58	If necessary adj to pH 9.5 - 10.5 Assume 32%		28-D	
		& Record: pH 10.2 Assume 50%	29	721-D	29
	59	Dump in N-979-A from S37			
	60	Heat to 200-204°F in 40-45 min			
	61	Shut off steam Record: Time 7.45 Pm			
	62	Immediately dump in N-7-D from S52			
	63	Stir 5 min & Redord: pH 10.3 (9.5-10.5)			
	64	If necessary, adj to pH 9.5-10.5 Assume 50%		7-D	
		& Record: pH Assume 32%		28-D	
	65	If necessary, reheat to 200-204°F then shut off steam			
	66	Stir 105 min exactly from S61			
	67	Immediately flood to 94" (9174G) Rcd. stir time 105			
	68	Pour in N-28-D from S53			
	69	Stir 5 min & record: pH 5.85 (5.5-6.5)			
	70	If necessary adj to pH 5.5-6.5 Assume 32%		28-D	
		and record: pH Assume 50%		7-D	
	71	Stop agitator			

START	FIN	OPTR
5:30 Am	7 Am	223
7 A	3 C	120
3:00 Pm	10:40 Pm	149

DUP050108111



DUP050108112