DATE PRINTED: 1/12/82

S.V. - C.V. (105) 106 D.V. 300, 315, 317, 322, 323

CG 46 CODE YT-820-D PKG ___

JUN 17 1982

F2K39

(DATE) (LOT NUMBER)

PROCESSES
( ) YT-820-D (D)
( ) ( )
( ) ( )
TYPED BY: JMH

APPROVED BY
EWK 10/21/81

EST. WT. 2563* LBS. STANDARD HRS. 8.8 TIME _____M

PREPARATION NOTES: _____

BLEEDING

EQUIPMENT		NAME: DALAMAR YELLOW - R	USE LBS	N-CODE	ACCT LBS
PREP 1	1	OBTAIN 3-NITRO-4-AMINOANISOLE FOR S6		396-C	
	2	OBTAIN ACETOACET ORTHO ANISIDIDE FOR S22		46-C	
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
DV 2	4	RUN 17" (595 G) WATER INTO V 300			
	5	WEIGH IN HYDROCHLORIC ACID FROM V-324 M 1, 2989 %	1870	28-D	559
	6	DUMP IN FROM S1 3-NITRO-4-AMINOANISOLE		396-C	1190
		LOT 93583 # 100% 1190 % 100%	1190		
	7	STIR 10 MIN OR LONGER TO WET			
	8	ADJ TO 33" (1155G) AT 28-32* F (ICE)	11X330	57-A	5610
	9	SIPHON IN SODIUM NITRITE IN 12-15 MIN M 9, 3336 %	1484	725-A	495
	10	STIR 60 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 12			
		RECORD: TIME START 1245, CR + (+), KI + (+)			
		NOTE:			
		(1) IF CR-, KI-, ADD 20# 'AS IS' INCREMENTS HYDROCHLORIC ACID ASSUME 32%		28-D	
		RECORD: CR_____(+), KI_____(+)			
		(2) IF CR+, KI-, ADD 20# 'AS IS' INCREMENTS SODIUM NITRITE ASSUME 33%		725-A	
		RECORD: CR_____(+), KI_____(+)			

JUN 21 1982

EQUIPMENT		PAGE 2 OF 3 CG 46 CODE YT-820-D (D)	USE LBS	N-CODE	ACCT LBS
MISC 7	11	SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH DICALITE, FILTER AID	5	777-A	5
DV 4	12	WHEN S 10 STIR COMPLETE, DUMP IN ACTIVATED CARBON	15	113-B	15
	13	DUMP IN DICALITE, FILTER AID	10	777-A	10
	14	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 20		57-A	
		RECORD: TIME START 1445, CR +(+), KI +(+)			
		NOTE:			
		(1) IF CR-, KI-, ADD 20# 'AS IS' INCREMENTS HYDROCHLORIC ACID ASSUME 32%		28-D	
		RECORD: CR_____(+), KI_____(+)			
		(2) IF CR+, KI-, ADD 20# 'AS IS' INCREMENTS SODIUM NITRITE ASSUME 33%		725-A	
		RECORD: CR_____(+), KI_____(+)			
CV 5	15	RUN 10" (970 G) WATER INTO V 106 & INSTALL TEMP CHART			
	16	POUR IN SODIUM HYDROXIDE M 10, 4955 %	1148	7-D	569
	17	ADJ TO 40" (3880 G) AT 66-70 DEG F	3X330	57-A	
	18	CLOSE STACK DAMPER			
	19	STIR FOR S 22			
DV 6	20	WHEN S 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 HYDROCHLORIC ACID ASSUME 32%		28-D	
		RECORD: CR_____(+), KI_____(+)			
		(2) IF CR+, KI-, ADD 20# 'AS IS' INCREMENTS SODIUM NITRITE ASSUME 33%		725-A	
		RECORD: CR_____(+), KI_____(+)			
	21A	TURN ON V 315 AGITATOR. CHOP & ADD ICE			
		THEN TURN OFF AGITATOR.	2X330	57-A	132
	21B	PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F			
		RECORD: TIME START 215PM TOTAL MIN 60			
CV 7	22	DUMP ACETOACET ORTHO ANISIDIDE INTO CV FROM S2		46-C	1547
		LOT 11490, #100% 800, % 96.4, 832			
		LOT 11510, #100% 200, % 94.6, 212			
		LOT 11420, #100% 200, % 94.6, 212			
		LOT 11470, #100% 200, % 95.7, 211			
	23	STIR 10 MIN TO DISSOLVE 11440 147 94.3	156		
	24	OPEN STACK DAMPER			
	25	RUN IN ACETIC ACID UNDERSURFACE IN 20-25 MINS. M 1, 6893 %	1764	30-D	871
	26	STIR 5 MIN & RECORD: PH 6.2 (5.8-6.3)			
	27	IF NECESSARY, ADJ TO PH 5.8-6.3 & RECORD			
		PH_____(5.8-6.3) SODIUM HYDROXIDE ASSUME50%		7-D	
		ACETIC ACID ASSUME70%		30-D	

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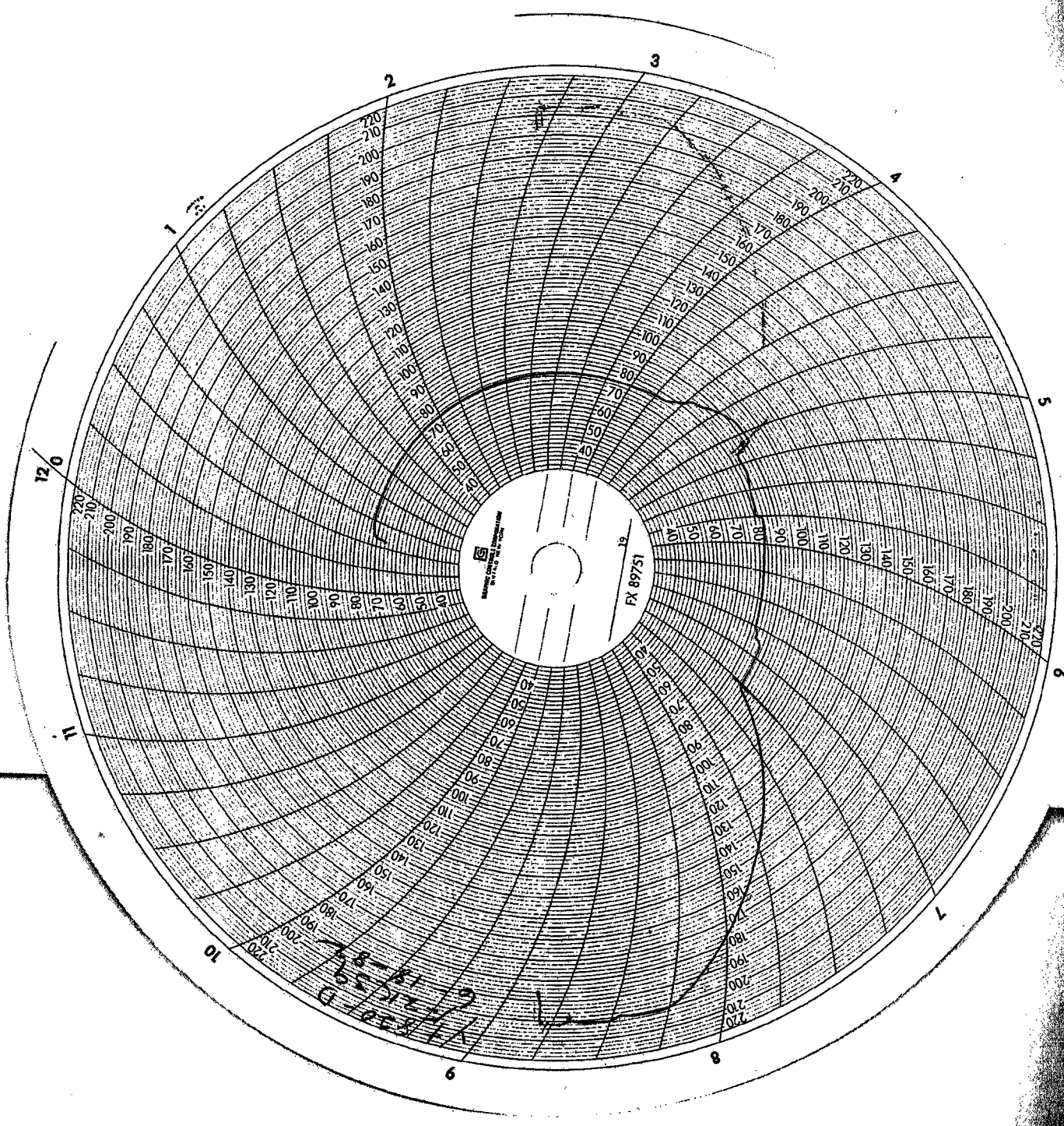
EQUIPMENT		PAGE 3 OF 3 CG 46 CODE YT-820-D (D)	USE LBS	N-CODE	ACCT LBS
DV 8	28	WHEN S 21 CLARIF COMPLETE, WASH DV (S 4) LINES, PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SAMPLE OF TOTAL PRESS EFFLUENT, WHICHEVER COMES FIRST. COLLECT WASHINGS IN DV (S 21)			
	29	STIR 5 MIN & RECORD: TEMP_____(28-32*F) &	_____	57-A	_____
		IF NECESSARY, ADJ TO 28-32*F. RECORD 25 *F			
	30	WEIGH SULFAMIC ACID IN RUBBER BUCKET & WASH INTO DV	15	395-D	15
	31	STIR 5 MIN & RECORD: KI +____(-)			
	32	IF NECESSARY, ADJ TO -KI (SULFAMIC ACID) AND RECORD KI —____(-)	5	395-D	5
	33	RECORD: VGL 60 "			
MISC 9	34	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41 M 10 ____, 49.5 %	680	7-D	337
	35	DISSOLVE IGEPAL CO-630 IN 20 GAL WATER IN DRUMS FOR S43	50	979-D	50
CV 10	36	WHEN S 33 COMPLETE, ADJ CV TO 43" (4197 G) AT 80-84 DEG F			
	37	CHECK ACCURACY: HT 83 DEG F & RECORDER 84 DEG F			
	38	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84*F.			
		RECORD: TIME START 5:30 Pm, TOTAL MIN 65			
	39	STIR 10 MIN. DISCONNECT TRANSFER LINE AT CV IMMEDIATELY			
	40	RECORD: DIAZO —____(-), BASE +____(+),			
		PH 4.3 (4.3-4.7) NOTE: (1) IF DIAZO +, BASE -, & PH BELOW 4.3:			
		(A) ADJ TO PH 4.3-4.7 SODUIM HYDROXIDE ASSUME 50%	_____	7-D	_____
		(B) RECORD: PH_____			
		(2) IF DIAZO +,BASE - & PH ABOVE 4.3 ADD 8# 100% N-7-D SODIUM HYDROXIDE ASSUME 50%	_____	7-D	_____
		TO A 55G DRUM. ADJ WITH WATER TO +/-25G			
		ADD 20# 100% N-46-C AND STIR TO DISSOLVE, POUR IN CV AND STIR 10 MIN.	_____	46-C	_____
		(3) REPEAT ABOVE AS NECESSARY TO - DIAZO, + BASE			
	41	POUR IN N-7-D SODIUM HYDROXIDE FROM S34 & STIR 5 MIN.			
	42	RECORD PH 10.1 (7.1-9.0) & IF NECESSARY ADJ			
		PH 7.1-9.0 SODIUM HYDROXIDE ASSUME 50%	_____	7-D	_____
		RECORD: PH 8.8 HYDROCHLORIC ACID ASSUME 32%	15	28-D	_____
	43	DUMP IN N-979-D FROM S 35			
	44	HEAT TO 200-204 DEG F IN 58-62 MIN			
	45	STIR 30 MIN AT 200-204 DEG F			
		RECORD: TIME START 9:35 Pm			
	46	FLOOD TO 94" (9174 G) AND STOP AGITATOR			

START	FIN	OPTR
9:45 3:00 Pm	3PM 9:30 Pm	292 201



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