DATE PRINTED: 1/12/82

S.V. C.V. ~~105~~ 106 D.V. 300, 315, 317, 322, 325

CG 46 CODE YT-820-D PKG ___

JUN 10 1982 (DATE) F2J63 (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: Water + N-28-D in V-300

WEST PRESS

EQUIP MENT		NAME: DALAMAR YELLOW - R	USE LBS	N-CODE	ACCT LBS
				BLEEDING	
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 , 29.89 %	1820	28-D	559
	6	DUMP IN FROM S1 3-NITRO-4-AMINOANISOLE LOT: CHINA # 100%: 1190 %: 100.0	1190	396-C	1190
	7	STIR 10 MIN OR LONGER TO WET			
	8	ADJ TO 33" (1155G) AT 28-32* F (ICE) 28	~~++~~X330	57-A	7590
	9	SIPHON IN SODIUM NITRITE IN 12-15 MIN M 9 , 33.36 %	1484	725-A	495
	10	STIR 60 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 12 RECORD: TIME START 3:45 PM, CR + (+), KI + (+)			
		NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+), KI_____(+)		28-D	
		(2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+), KI_____(+)		725-A	

JUN 18 1982

6/17

N38995

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EQUIPMENT		PAGE 2 OF 3 CG 46 CODE YT-820-D (D)	USE LBS	N-CODE	ACCT LBS
MISC 3	11	SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH DICALITE, FILTER AID	5	777-A	5
		114 Precoat Press	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 450 pm, 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 9, 42.59 %	1147	7-D	569
	17	ADJ TO 40" (3880 G) AT 66-70 DEG F	3X330	57-A	990
	18	CLOSE STACK DAMPER			
	19	STIR FOR S 22			
DV 6	20	WHEN S 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 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.	5X330	57-A	1650
	21B	PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F			
		RECORD: TIME START 530, TOTAL MIN 120			
CV 7	22	DUMP ACETOACET ORTHO ANISIDIDE INTO CV FROM S2		46-C	1547

LOT	#100%	%	
11490	400	93.2	429
11490	800	95.4	839
11440	310	94.3	329
11520	37	92.6	40

	23	STIR 10 MIN TO DISSOLVE			
	24	OPEN STACK DAMPER			
	25	RUN IN ACETIC ACID UNDERSURFACE IN 20-25 MINS. M 1, 68.93 %	1264	30-D	871
	26	STIR 5 MIN & RECORD: PH 6.0 (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	

DUP050047597

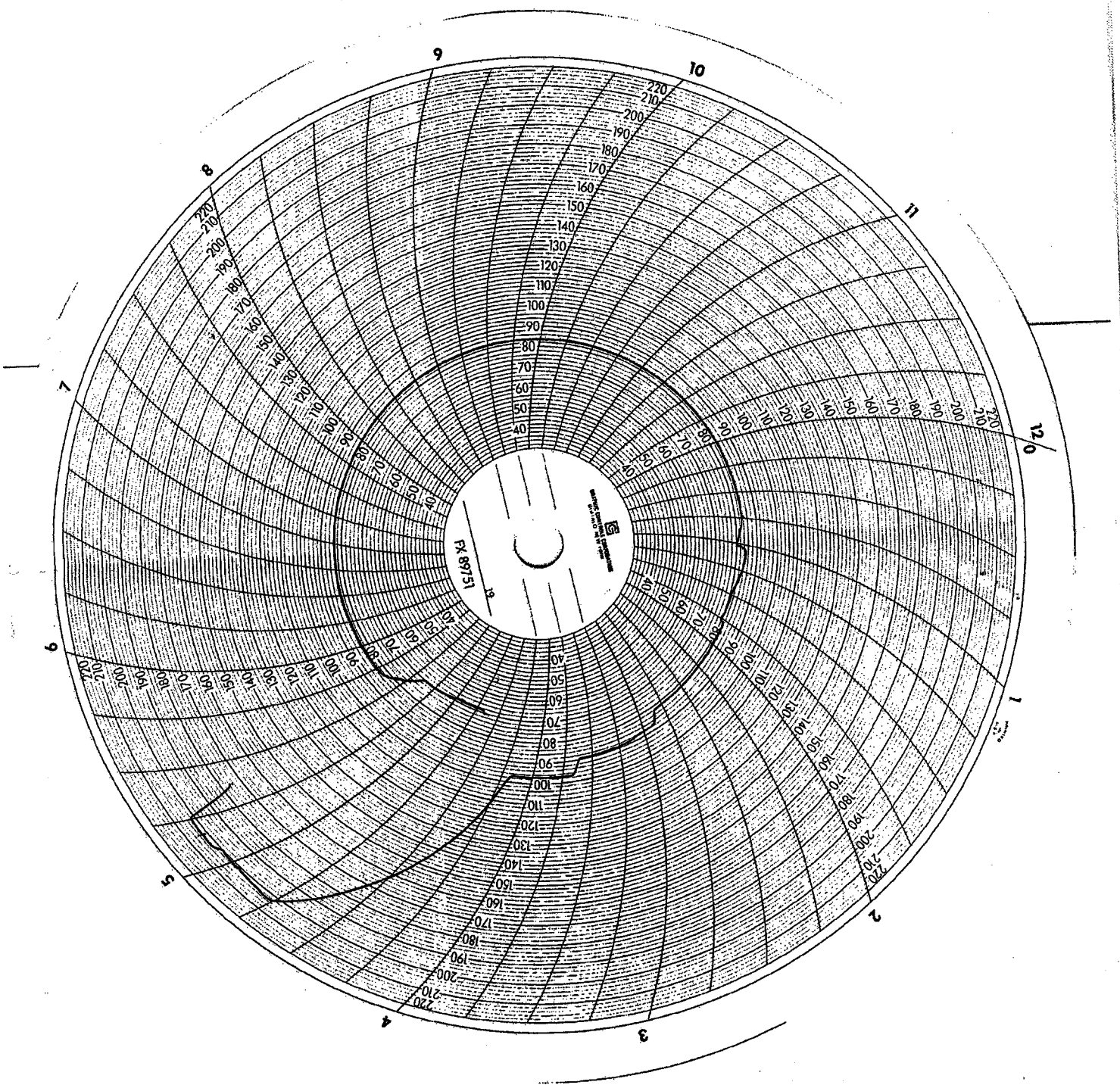
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MAKING INSTRUCTIONS: BATCH UNIT

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 25 (28-32*F) &		57-A	
	30	IF NECESSARY, ADJ TO 28-32*F. RECORD *F			
	31	WEIGH SULFAMIC ACID IN RUBBER BUCKET & WASH INTO DV	15	395-D	15
	32	STIR 5 MIN & RECORD: KI — (-)			
	33	IF NECESSARY, ADJ TO -KI (SULFAMIC ACID) AND RECORD KI (-)		395-D	
		RECORD: VOL 64 "			
MISC 9	34	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41 M 9, 4959 %	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 83 DEG F			
	38	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84*F.			
		RECORD: TIME START 1240, TOTAL MIN 65			
	39	STIR 10 MIN. DISCONNECT TRANSFER LINE AT CV IMMEDIATELY			
	40	RECORD: DIAZO — (-), BASE + (+), PH 4.4 (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 5.4 (7.1-9.0) & IF NECESSARY ADJ			
		PH 7.1-9.0 SODIUM HYDROXIDE ASSUME 50%	124	7-D	62
		RECORD: PH 7.2 HYDROCHLORIC ACID ASSUME 32%		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 1.00			
	46	FLOOD TO 94" (9174 G) AND STOP AGITATOR			

START	FIN	OPTR
3:00 pm 11 pm	11:00 pm 5:47 Am	320 120

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BATCH DELAYED - PRESS BROKE OUT. HAD TO RECLARIFY V-315 BECAUSE DIAZO TO DARK



DUP050047600