CG 40 CODE RT-531-D PKG ___

PROCESSES ( )RT-531-D (N)
COMTYP JOB NAME: 40RT531DMN
TYPED BY: JMH

APPROVED BY EWK 11-24-81

JUN 9 1982 (DATE) F2J32 (LOT)

EST. WT. 643* LBS. STANDARD HRS. _____ TIME 4 A M

PREPARATION NOTES: SUPV'R NOTE: DO NOT USE V-303 FOR NAPHTHANILS WHEN CAMPAIGNING DALAMARS YC-39-A, YC-40-A, YT-839-P, YT-840-P, YT-858-D, AND YT-868-D.

EAST Press. SEMI-BLEEDING

EQUIPMENT		NAME: NAPHTHANIL RED LIGHT	USE LBS	N-CODE	ACCT LBS
PREP 1	1	OBTAIN 4-NITRO-2-AMINOTOLUENE FOR S6		504-C	
	2	OBTAIN 3-HYDROXY-2-NAPTHYLAMIDE FOR S18		150-C	
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
DV 2	4	RUN 14" (486 G) WATER INTO V-322			
	5	RUN IN HYDROCHLORIC ACID FROM V-324 M 1, 29.89 %	422	28-D	126
	6	DUMP IN FROM S1 LOT 4-NITRO-2-AMINOTOLUENE 7955		504-C	211
	7	[redacted]			
	8	ADJ TO 32" (1020 G) AT 40-45 DEG F	6X330	57-A	1980
	9	SIPHON IN SODIUM NITRITE IN 7-10 MIN M 9, 33.36 %	285	725-A	95
	10	STIR 5 MIN & RECORD: 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 10# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+) KI_____(+)		725-A	
	11	STIR 10 MIN AT 40-45*F MAINTAINING +CR, +KI FOR S13 RECORD: TIME START 8 30		JUN 11 1982	
MISC 3	12	SLURRY DICALITE FILTER AID IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS	5	777-A	5
DV 4.	13	WHEN S11 STIR COMPLETE DUMP IN ACTIVATED CARBON	15	113-B	15
	14	DUMP IN DICALITE FILTER AID	10	777-A	10
	15	STIR 30 MIN AT 40-45 DEG F ASSUME 33% MAINTAINING +KI FOR S23. RECORD: START 8 50 KI + (+)		725-A 57-A	
330 5	16	RUN 13" (177G) WATER INTO V-~~330~~ 313			
	17	SLURRY TRISULPHOIL SOAP D IN 25G WATER & POUR IN	16	39-A	16
	18	DUMP IN 3-HYDROXY-2-NAPTHYLAMIDE FROM S2 & STIR 30 MIN OR LONGER TO WET. LOT 7038 RECORD: START 10 Pm 6950	245 125	150-C	370

use Rhytes only

N38126

EQUIPMENT		PAGE 2 OF 3 CG 40 CODE RT-531-D (N)	USE LBS	N-CODE	ACCT LBS
302	19	RUN 36" (4326) WATER INTO V-302			
6	20	POUR IN SODIUM HYDROXIDE ASSUME 50%	232	7-D	116
	21	SIPHON IN ACETIC ACID & STIR 3 MIN M 1 , 68.93 %	250	30-D	172
	22	RECORD PH 7.5 (6.7-7.5) IF NECESSARY ADJ TO 6.7-7.5. ACETIC ACID ASSUME 70%		30-D	
		RECORD PH ✓ SODIUM HYDROXIDE ASSUME 50%		7-D	
DV	23	TURN ON V-323 AGITATOR & ADD ICE, THEN SHUT OFF AGITATOR	6X330	57-A	1980
7	23A	PUMP DV THRU CLARIF PRESS INTO DV USED IN S 23. MAINTAINING TEMP AT 40-45*F. RECORD: START: 930 TOTAL MIN 80 NOTE: DO NOT USE V-303 - TOO SMALL			
	24	WHEN S23A CLARIF COMPLETE WASH DV (S4) 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 (S23) RECORD: START 1055 CR — (-OR+)			
	25	WHEN S24 IS COMPLETE TEST DV(S23) ASSUME 33% & RECORD: KI + (+) TEMP 40 (40-45* F)		725-A 57-A	
	26	WEIGH SULFAMIC ACID IN RUBBER BUCKET AND RINSE IN AND STIR 5 MIN.	10	395-D	10
	27	RECORD: KI —. MUST BE - & IF NECESSARY ADJ TO -KI WITH SULFAMIC ACID	10	395-D	10
	28	ADJ TO 86 " (1925 G) AT 40-45 DEG F	1X330	57-A	
105	29	RUN 39" (3900 G) WATER INTO V-105			
8	30	INSTALL TEMP CHART & SET AGITATOR AT 16 RPM			
313	31	WHEN S18 STIR COMPLETE, POUR IN SODIUM HYDROXIDE IN 3-4 MIN. ASSUME 50%	220	7-D	110
	32	HEAT TO 128-132 DEG F AFAP & STIR 5 MIN TO DISSOLVE. STOP AGITATOR.			
105	33	IMMEDIATELY RUN V-313 AFAP INTO CV NO AGITATION IN CV. RECORD: START 12:25 A.M TOTAL MIN 8			
10	34	POUR IN ACETIC ACID & STIR 5 MIN. M 1 , 68.93 %	218	30-D	150
	35	RECORD: PH 11.0 (10.5-11.0) ASSUME 50%		7-D	
		IF NECESSARY ADJ TO PH 10.5-11.0 RECORD: PH ✓ ASSUME 70%		30-D	
	36	RUN IN V-302 AFAP			
	37	DUMP IN BARIUM SULFATE	35	65-A	35
	38	HEAT TO 78-82 DEG F AND RECORD: HT 81 DEG F AND REC 80 DEG F			
	39	WHEN S28 COMPLETE, COUPLE DV UNDERSURFACE IN 65-70 MIN. MAINTAIN CV AT 78-82 DEG F RECORD: START 2:15 AM TOTAL MIN 70			
	40	STIR 5 MIN, DISCONNECT TRANSFER LINE AT CV & RECORD: DIAZO VUS+ (+/-) BASE + (MUST BE +) PH 4.6 (4.2-4.6)			
	41	IF NECESSARY STIR TO - DIAZO RECORD: START 3:30 AM TOTAL MIN 35 RECORD: DIAZO — MUST BE - BASE + MUST BE + PH 4.6 (4.2-4.6)			

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EQUIPMENT		PAGE 3 OF 3 CG 40 CODE RT-531-D (N)	USE LBS	N-CODE	ACCT LBS
MISC 11	42	ADD 30G WATER AT 130-140* TO DRUM FROM HOT WATER MIXER ADD BLANCOL N &STIR FOR 43	30	567-B	30
105 12	43	POUR IN N-567-B SOLUTION FROM S42			
	44	HEAT TO 194-196 DEG F IN 55-60 MIN AND RECORD: HT 195 DEG F AND REC 197 DEG F			
	45	WHEN S44 HEATING COMPLETE, RUN IN ALUMINUM SULFATE SOLUTION THRU BADGER METER. NOTE: RINSE IN LINE AFTER N-115-D SOL'N RUN IN.	120	115-D	60
	46	STIR 30 MIN AT 194-196 DEG F			
	47	FLOOD TO 80" (7928G) AND STOP AGITATOR			

VAT	V-303	V-315	V-317	V-322	V-323
S4 (486G)	20"	14"	14"	14"	14"
S8 (1020G)	43"	30"	30"	30"	30"

START	FIN	OPTR
645PM	11PM	60
11:00PM	6:10AM	381

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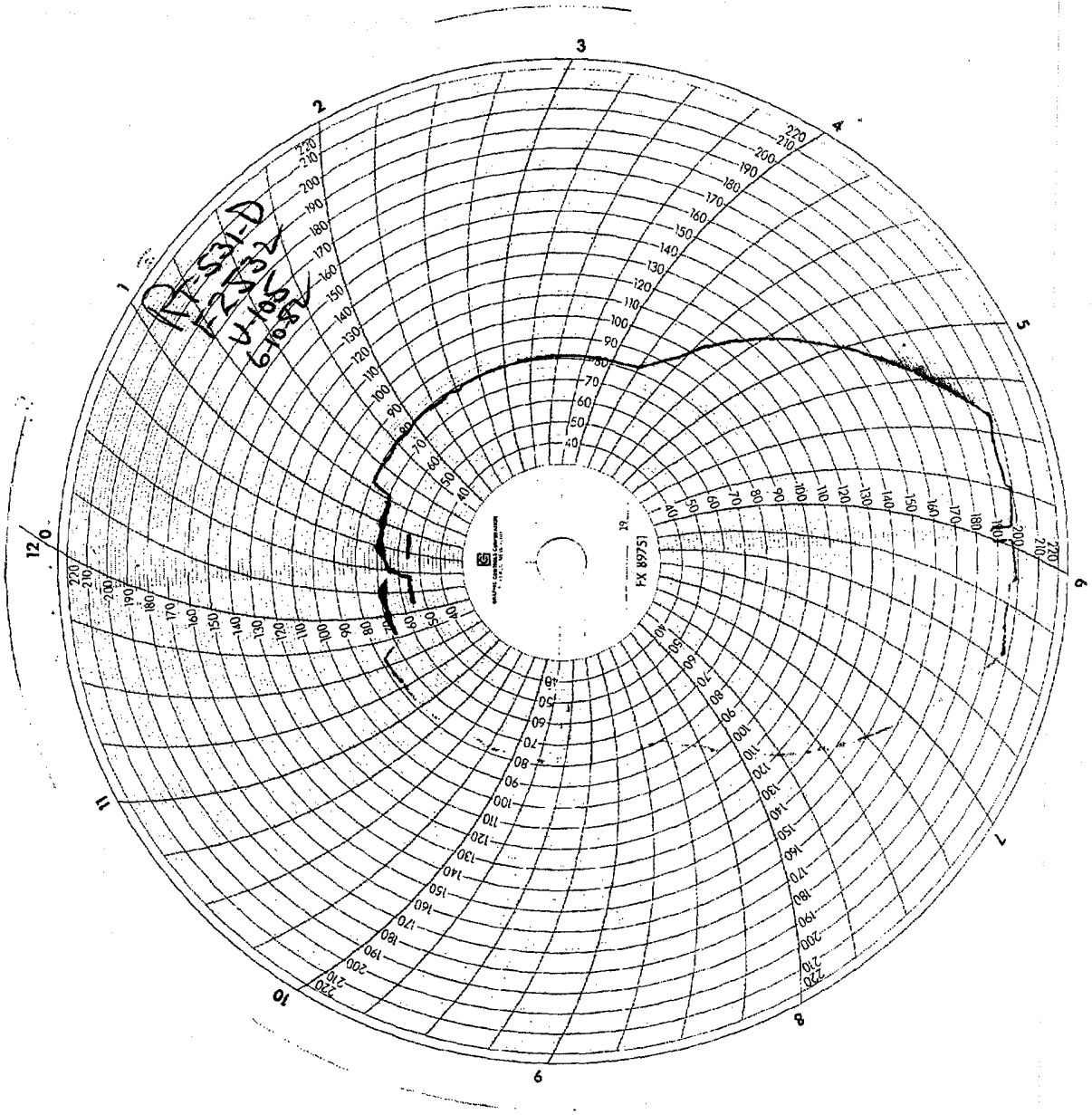

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