

S.V. 1

C.V. 901 902

D.V. 902,904

DATE PRINTED: 6/02/82

CG 32 CODE RT-428-D PKG

PROCESSES

APPROVED BY

JUN 10 1982

F2K23

() RT-428-D (A)
() ()
() ()

EWK 12/11/81

(DATE)

(LOT NUMBER)

TYPED BY: JLC

EST. WT. 23431 2545* LBS.

STANDARD HRS. _____

TIME 3 P. M.

PREPARATION NOTES: _____

PRE COAT SPARKLER

EQUIP MENT	NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
	NOTE: DO NOT START IF PRESS WILL NOT BE AVAILABLE WITHIN 3 HRS AFTER MAKING. MAKING SUPV TO REVIEW WITH P.R. SUPV & RECORD: PRESS WILL BE READY _____ M _____ / _____ PR SUP START MAKING _____ M _____ / _____ MAKG SUPV NOTE: RUN 15" WATER INTO V-904. PUMP WATER FROM V-904 THRU DISTRIBUTOR. IF WATER DOES NOT COME OUT OF ALL DISTRIBUTOR HOLES WITH FULL FORCE, NOTIFY SUPERVISOR			
PREP 1	1 RECORD: 0 BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15# DICALITE FILTER AID	2 15 20	979 777-A 740-C	2 15 10
	2 OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5-SULFONIC ACID			
	3 OBTAIN FOR S40 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V 922			
	4A CLOSE OVERFLOW OUTLET VALVE FOR DISTRIBUTOR LINE AT REAR OF VAT.			
921/ 931 2	5 RUN 11" (110G) WATER INTO V-921 & HEAT TO 80-100 DEG F 6 ADD IN 2-3 MIN DRESINATE X 7 STIR 5 MIN & RECORD: PH 10.1 (9.5-10.5) 8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S53	110	530-A	110
922 3	9 RUN 31" (639G) WATER INTO V-922 10 WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M 9 49.59 % 11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2 2-CHLORO LOT 100% 4-AMINOTOLUENE 279 927 99.34 5-SULFONIC ACID 12 DUMP IN ACTIVATED CARBON 13 DUMP IN DICALITE FILTER AID 14 HEAT TO 212-214 DEG F WATCH FOAM 15 RECORD: BY + (+) IF NECESSARY ADJ TO +BY SODIUM HYDROXIDE ASSUME 50%	367 927	7-D 740-C 113-B 777-A 7-D	182 927 25 10

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(Signature)

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-428-D (A)	USE LBS	N-CODE	ACCT LBS
922 3 CONT	16 17	STIR 30 MIN AT 212-214 DEG F THEN SHUT OFF STEAM WATCH FOAM. RECORD: SPARKLER PRESSURE <u>0</u> PSI IF NOT ZERO NOTIFY SUPERVISOR CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S22. RECORD: START <u>3:4</u> TOTAL MIN <u>30</u> , CLARITY <u>0.12</u> HT <u>194</u> DEG F, AND REC <u>194</u> DEG F.			
MISC 4	18 19 20	MEASURE <u>91</u> UNITS IN V-928 FOR S33 HYDROCHLORIC ACID M <u>1</u> , <u>59.89</u> % DISSOLVE STRONTIUM NITRATE IN 30 GAL WATER IN 55 GAL DRUM AT 90-110 DEG F FOR S52 WEIGH SODIUM NITRITE IN PT FOR S36 M <u>9</u> , <u>33.36</u> %	<u>149.5</u> 52 <u>962</u>	28-D 246-B,E 725-A	447 52 321
904/CV 5	21 22	RUN 1" (<u>✓</u> G) WATER INTO V- <u>904</u> NOTE: USE CV IF MTY. IF CV IS NOT AVAILABLE USE V-904 WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>3:4</u> , TOTAL MIN <u>50</u>			
902 6	23 24	RUN 56" (1455G) WATER INTO V-902 DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S42.	440	542-D	440
922 7	25 26A	WHEN S22 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG RUN IN 10" (207G) WATER & HEAT TO 180-190 F CIRCULATE 15 MIN THRU SPARKLER.			
904/CV 8	26B	PUMP V922 THRU SPARKLER INTO V904/CV			
922 9	27 28	RUN IN 4" (103G) WATER INTO V922 & HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
904/CV 10	27 28 29 30	PUMP V-922 THRU SPARKLER INTO V 904/CV WHEN MTY BLOW OUT SPARKLER INTO V 904/CV POUR IN IGEPAI CO-630 HEAT TO 165-170 DEG. F	62	979-D	62
CV 11	31 32 33 34 35 36	NOTE: IF N-740-C SOL'N (S21&22) WAS PUMPED DIRECTLY FROM SPARKLER TO CV OMIT S'S 31,32 RUN IN 1" (95G) WATER INTO V- <u>901</u> PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170 DEG F IN CV. RUN IN N-28-D HYDROCHLORIC ACID FROM S18 IN 12-15 MIN STIR 15 MIN AT 165-170 DEG F ADJ TO 43" (4080G) AT 32-38 DEG F RUN IN N-725-A SODIUM NITRITE FROM S20 AFAP (5-10 MIN) & RINSE IN PT	50X330	57-A	<u>16,500</u>

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 3 OF 4 CG 32 CODE RT-428-D (A)	USE LBS	N-CODE	ACCT LBS
CV 11 CONT	✓37	STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI RECORD: TIME START <u>11:15 Am</u> , CR <u>+</u> (+), KI <u>+</u> (+) NOTE: 1) IF CR-, KI-, ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID RCRD: CR <u>+</u> (+), KI <u>+</u> (+) ASSUME 32% 2) IF CR+, KI-, ADD 20% "AS IS" INCREMENTS SODIUM NITRITE RCRD: CR <u>+</u> (+), KI <u>+</u> (+) ASSUME 33%		28-D	
	✓38	DUMP IN STRONTIUM NITRATE	153	725-A	153
	✓39	DUMP IN BARIUM SULFATE	295	246-B,E	295
	✓40	DUMP IN FROM S3 & STIR 10 MIN 3-HYDROXY-2-NAPHTHOIC ACID LOT <u>2490</u>	848	65-A 82-C	848
	✓41	ADD FOR MAINTAINING 32-38 DEG F THRU S 48	30X330	57-A	9900
902 12	✓42	DUMP AMMONIUM CHLORIDE INTO V-902 & STIR 2-3 MIN	209	165-A	209
CV 13	✓43	WITH V-902 AGITATOR ON, IMMEDIATELY AFTER S42 COMPLETE, RUN V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. MAINTAIN 32-38 DEG F IN CV. RECORD: START <u>1:20 pm</u> , TOTAL MIN <u>25</u>		57-A	
PT 14	✓44	DURING S43, WEIGH SODIUM HYDROXIDE IN PT M <u>7</u> , <u>49.59</u> %	333	7-D	165
	✓45	DILUTE TO MAXIMUM VOLUME (+/-100G) FOR S48			
CV 15	✓46	WHEN S43 COMPLETE, STIR 30 MIN			
	✓47	RCRD PH <u>5.5</u> (5.0-6.0) TEMP <u>32</u> F (32-38 F)			
	✓48	RUN IN N-7-D FROM S45 THRU UNDERSURFACE LINE & RINSE IN PT			
	✓49	STIR 15 MIN & RECORD: PH <u>9.5</u> (9.0-9.8)			
	✓50	IF PH IS BELOW 9.0 ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE ASSUME 50%		7-D	
	✓51	RECORD: PH <u>9.6</u> , DIAZO <u>-</u> (-), BASE <u>+</u> (+)			
	✓52	POUR IN N-246-B,E SOLUTION FROM S19			
	✓53	STEAM EJECT IN V-921/931 SOL'N FROM S8			
	✓54	HEAT TO 180-182 DEG F IN 65-75 MIN AND RECORD: HT <u>180</u> DEG F & REC <u>181</u> DEG F			
	✓55	STIR 30 MIN AT 180-182 DEG F. RECORD: START <u>5:05 PM</u>			
	✓56	FLOOD TO 180-190" (+/-18,000G)			
	✓57	STIR 5 MIN & RECORD: PH <u>8.6</u> (8.8-9.3)			
	✓58	IF PH BELOW 8.8, ADJ TO PH 8.8-9.3 RECORD PH <u>8.9</u> SODIUM HYDROXIDE ASSUME 50%	30	7-D	15
	✓59	STOP AGITATOR			
	✓60	OPEN WATER VALVE AT OVERFLOW FOR DISTRBUTR AND BACK FLUSH THRU CHECK VALVE AND DISTRIBUTOR FOR 2 MINUTES. SHUT OFF WATER.			
	✓61	OPEN OVERFLOW OUTLET VALVE FOR DISTRIBUTOR REAR OF VAT.			

EQUIP MENT	PAGE 4 OF 4 CG 32 CODE RT-428-D (A)	USE LBS	N-CODE	ACCT LBS
	WHEN INSTRUCTED BY PROCESSING AREA HALFWAY THRU PRESSING (1) DUMP IN 1 OCTANOL (2) STIR 5 MIN (3) ADVISE PROCESSING TO RESUME PRESSING			
	START <i>11 PM</i> FIN <i>7 AM</i> OPTR <i>120</i>	10	588-A	10
	<i>3:00pm</i> <i>6:00pm</i> <i>320</i>			



