

12/29/81

A2H40

() RT-428-D (B)

EWK 12/11/81

(DATE)

(LOT NUMBER)

() ()

() ()

TYPED BY: JLC

EST. WT. ²⁹⁹⁵ * LBS.

STANDARD HRS.

TIME 7 P M

PREPARATION NOTES:

DRAIN V-901

VAT MT AT 12:50 PM

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: <u>1</u> BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15# DICALITE FILTER AID		777-A	
	2 OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5-SULFONIC ACID		740-C	
	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/ 2	5 RUN 14" (140G) WATER INTO V- <u>921</u> & HEAT TO 30-100 DEG F			
	6 ADD IN 2-3 MIN DRESINATE X	130	530-A	130
	7 STIR 5 MIN & RECORD: PH <u>10.2</u> (9.5-10.5)			
	8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S53			
922 3	9 RUN 35" (722G) WATER INTO V-922			
	10 WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M. <u>13</u> <u>50.36</u> %		7-D	226
	11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1157
	2-CHLORO LOT 100%			
	4-AMINOTOLUENE <u>237</u> <u>352</u> <u>98.30</u>			
	5-SULFONIC <u>235</u> <u>805</u> <u>98.70</u>			
	ACID			
	12 DUMP IN ACTIVATED CARBON	25	113-B	25
	13 DUMP IN DICALITE FILTER AID	10	777-A	10
	14 HEAT TO 212-214 DEG F WATCH FOAM			
	15 RECORD: BY <u>1</u> (+) IF NECESSARY ADJ TO +BY SODIUM HYDROXIDE ASSUME 50%		7-D	

JAN 5 1981

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-428-D (B)		USE LBS	N-CODE	ACCT LBS
922 3 CONT		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>9:00AM</u> TOTAL MIN <u>15</u> , CLARITY <u>OK</u> HT <u>195</u> DEG F, AND REC <u>195</u> DEG F.				
MISC 4		MEASURE <u>54.5</u> TWICE UNITS IN V-928 FOR S33 HYDROCHLORIC ACID M <u>5</u> , <u>29.89</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>1863</u> <u>63</u> <u>1196</u>	28-D 246-B,E 725-A	557 63 399
902 5		RUN 1" (<u>2512G</u>) WATER INTO V- <u>902</u> NOTE: USE CV IF MTY. IF CV IS NOT AVAILABLE USE V-904 <u>VAT 901 DRAINING!</u> WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>9:15AM</u> , TOTAL MIN <u>50</u> <u>901- VAT MT AT 12:50PM</u>				
902 6		RUN 56" (1455G) WATER INTO V-902 DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S42		550	542-D	550
922 7		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.				
902 8		PUMP V922 THRU SPARKLER INTO V904/CV				
922 9		RUN IN 4" (103G) WATER INTO V922 & HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER				
902 10		PUMP V-922 THRU SPARKLER INTO V <u>904/04</u> WHEN MTY BLOW OUT SPARKLER INTO V <u>904/04</u> POUR IN IGEPA CO-630 HEAT TO 165-170 DEG. F		78	979-D	78
CV 11		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>

V-901

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 3 OF 4 CG 32 CODE RT-428-D (B)	USE LBS	N-CODE	ACCT LBS
CV CONT	37	STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI RECORD: TIME START <u>2:20 PM</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	192	725-A	192
	39	DUMP IN BARIUM SULFATE	450	246-B, E	450
	40	DUMP IN FROM S3 & STIR 10 MIN 3-HYDROXY-2-NAPHTHOIC ACID	1000	65-A	1057
		LOT <u>7213</u> <u>6877</u>	37	82-C	
	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	261	165-A	261
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>4:15 PM</u> TOTAL MIN <u>25</u>		57-A	
PT 14	44	DURING S43, WEIGH SODIUM HYDROXIDE IN PT M <u>13</u> <u>50.26</u> %	312	7-D	157
	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 UNDRSURFACE LINE & RINSE IN PT			
	49	STIR 15 MIN & RECORD: PH <u>9.8</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>9.8</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>180</u> DEG F			
	55	STIR 30 MIN AT 180-182 DEG F. RECORD: START <u>8:30 P</u>			
	56	FLOOD TO 180-190" (+/-18,000G)			
	57	STIR 5 MIN & RECORD: PH <u>9.3</u> (8.8-9.3)			
	58	IF PH BELOW 8.8, ADJ TO PH 8.8-9.3 RECORD PH <u> </u> SODIUM HYDROXIDE ASSUME 50%		7-D	
	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 (B)	USE	N-CODE	ACCT
		LBS		LBS
	WHEN INSTRUCTED BY PROCESSING AREA HALFWAY THRU PRESSING			
	(1) DUMP IN 1 OCTANOL	10	588-A	10
	(2) STIR 5 MIN			
	(3) ADVISE PROCESSING TO RESUME PRESSING			
	START FIN OPTR			
	7.00AM 3.00PM 101-409			



