

S.V. 107

C.V. 107

D.V. 313/322/317

CG 34 CODE RT-565-D PKG

PROCESSES
() RT-565-D (L)APPROVED BY
JJG 4-22-81
EWK 12-8-81

OCT 26 1982

L2H52

(DATE)

(LOT NUMBER)

TYPED BY: KIW

EST. WT. 1893* LBS.

STANDARD HRS. 8.5

TIME 11 P.M.

PREPARATION NOTES:

Precoat Spark Per

NON-BLEEDING

EQUIP MENT	NAME: BON RED LIGHT	USE LBS	N-CODE	ACCT LBS
PREP 1	1 IF NECESSARY, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15% DICALITE, FILTER AID	15	777-A	15
	2 OBTAIN 2-CHLORO-4-AMINO TOLUENE-5-SULFONIC ACID FOR S7		740-C	
	3 OBTAIN 3-HYDROXY-2-NAPHTHOIC ACID FOR S19		253-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART			
317 2	5 RUN 15" (474G) WATER INTO V-317			
	6 WEIGH SODIUM HYDROXIDE IN DRUM & POUR IN M. 12, 50.16%	255	7-D	128
	7 TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	681
	2-CHLORO LOT #100%			
	4-AMINOTOLUENE 322 1640 98.52	650		
	5-SULFONIC 282 41 98.62	42		
	8 ACID			
	9 DUMP IN ACTIVATED CARBON	25	113-B	25
	10 DUMP IN DICALITE FILTER AID	5	777-A	5
	11 HEAT TO 212-214 DEG F WATCH FOAM			
	12 RECORD: BY (+)			
	13 STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM WATCH FOAM			
	RECORD: SPARKLER PRESSURE 0 PSI			
	IF NOT ZERO, NOTIFY SUPERVISOR			
	14 CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S15 & RECORD: HT 190 DEG F AND RECORDER 190 DEG F. RECORD: START 8:00 AM			
	TOTAL MIN 15 CLARITY CLEAR			

*Check Weighs
Record on
attached sheet*

OCT 28 1982

322 3 14 RUN 1-2" (70G) WATER INTO V-322
15 WHEN S13 COMPLETE, PUMP IN V-317 THRU SPARKLER. MAINTAIN V-317 AT 190-195 DEG F.
RECORD: START 8:15 TOTAL MIN 15

330 4 16 WEIGH SODIUM HYDROXIDE INTO V-330 FOR S18
M. 12, 50.16%

678

7-D

340

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 2 OF 3 CG 36 CODE RT-565-D (L)	USE LBS	N-CODE	ACCT LBS
107 5	17 18 19	RUN 21" (1989G) WATER INTO V-107 RUN IN V-330 FROM S16 DUMP IN FROM S3 3-HYDROXY 2-NAPHTHOIC ACID <i>check with Dept on adjusted Dept on</i>	LOT 147 596	253-C	596
	20 21 22	ADJ TO 70-80 DEG F, STIR TO SOL'N AND RECORD: HT _____ & RECORDER 75 DEG F DUMP IN BARIUM SULFATE DUMP IN SODIUM CARBONATE & STIR 5 MIN OR LONGER TO DISSOLVE	100 500	65-A 3-A	100 500
317 6	23 24A	WHEN S15 COMPLETE, CLOSE V-317 OUTLET & STOP PUMP RUN IN 12" (378G) WATER INTO V-922 AND HEAT TO 190-195 DEG F. CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN 190-195 DEG F DURING S26			
322 7	24B	PUMP V-317 THRU SPARKLER INTO V-322			
317 8	25A	RUN 6" (183G) WATER INTO V-317 & HEAT TO 190-195 DEG F. CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR MAINTAIN 190-195 DEG F THRU S25			
322 9	25B 26	PUMP V-317 THRU SPARKLER INTO V-322 WHEN MT BLOW OUT SPARKLER INTO V-322			
MISC 10	27	WEIGH SODIUM NITRITE INTO DRUMS FOR S31 M 9 33.36 % 659		725-A	220
322 11	28 29 30 31 32	WHEN S26 COMPLETE, HEAT V-322 TO 165-170 F RUN HYDROCHLORIC ACID FROM V-324 & STIR 5 MIN M 2 31.01 % ADJ TO 62" (2170G) AT 32-38 DEG F DUMP IN SODIUM NITRITE N-725-A FROM S27 STIR 30 MIN AT 32-38 F & RECORD: KI + MUST BE (+) M _____ %	1029 24X330	28-D 57-A	319 11,890
107 12	33 34 35	PUMP V-322 AT 32-38 F THRU UNDERSURFACE DISTRIBUTOR INTO V-107 IN 25-30 MIN. MAINTAIN V-107 AT 70-80 DEG F DURING DIAZO ADDITION. RECORD: START 12.35 TOTAL MIN 30 STIR 15 MIN & RECORD: BASE + (+), DIAZO - (-), PH 10.6 (10.6-11.6) HEAT TO 190-194 DEG F IN 70-75 MIN AND RECORD: HT 194 DEG F & RECORDER 194 DEG F		725-A	

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP. MENT		PAGE 3 OF 3 CG 36 CODE RT-565-D (L)	USE LBS	N-CODE	ACCT LBS
322 13	36	DURING S35, RUN 44" (1540G) WATER INTO V-322			
	37	TURN ON AGITATOR AND STEAM AND DUMP IN MANGANESE SULPHATE	1036	336-A	1036
	38	HEAT TO 140-160 DEG F & STIR 5 MIN OR LONGER TO DISSOLVE. RECORD PH <u>6.1</u> IF PH IS ABOVE 5.5 ADJ WITH SULFURIC ACID TO PH 5.0-5.5. RECORD PH <u>4.6</u> ASSUME 78%	<u>3</u>	27-D	<u>2</u>
107 14	39	HEAT TO 210-212 DEG F IN 5-10 MIN			
	40	WHEN S39 COMPLETE, PUMP V-322 THRU UNDER-SURFACE DISTRIBUTOR INTO V-107 IN 20-30 MIN. MAINTAIN V-107 AT 210-212 DEG F DURING STRIKE. RECORD: START <u>2:35</u> TOTAL MIN <u>20</u> STIR 30 MIN AT 210-212 F RECORD START <u>2:55 AM</u> FLOOD TO 180-190" (18240G) & RECORD: PH <u>7.4</u> (7.5-8.5)			
START <u>5:00 AM</u> <u>7:00 AM</u> <u>3:00 PM</u> FIN <u>7:00 AM</u> <u>3 PM</u> <u>3:45 PM</u> OPTR <u>201</u> <u>301</u> <u>237</u>					

15.5
 1.8
 940
 55
 990
 46
 103.6

N- 740 - C CHECK-WEIGH & CALCULATE

DUP050061060

