CG 50 CODE YT-714-D PKG ___ PROCESSES APPROVED BY:
9/28/82 K2151 ( )YT-714-D (G) EWK 12/23/81
(DATE) (LOT NUMBER) COMTYP JOB NAME: 50YT714DMG

EST. WT. 2115 * LBS. STANDARD HRS. _____ TIME _____M

PREPARATION NOTES: _____

NON-BLEEDING

EQUIPMENT		NAME: GREEN GOLD	USE LBS	N-CODE	ACCT LBS
PREP 1	1	OBTAIN FOR S4 2,4-DIHYDROXY QUINOLINE		44-C	
	2	OBTAIN FOR S9 P-CHLOROANILINE		613-C	
283 2	3	RUN 39* (2037G) WATER INTO V-283 & HEAT			
	4	TO 85-90 DEG F			
		DUMP & RINSE IN FROM S1 LOT 100% %		44-C	1078
		2,4-DIHYDROXY 1419 382 50.7 724			
		QUINOLINE 1407 345 53.2 678			
		1404 121 40.2 300			
		1415 130 43.4 300			
		1401 100 46.5 215			
	5	ADJ TO 54* (2836G) AT 85-90 DEG F			
	6	DUMP IN & STIR TO SOL'N FOR S12 SODIUM CARBONATE	369	3-A	369
DV 3	7	RUN 17* (595G) WATER INTO V-315			
	8	RUN IN FROM V-324 HYDROCHLORIC ACID			
		M 29.89, 1 %	1874	28-D	560
	9	HEAT TO 68-72 F & DUMP IN FRM S2 LOT		613-C	796
		NOTE: THE RESOURCE CONSERVATION 158	796		
		RECOVERY BILL HAS CLASSIFIED PARA-_____	_____		
		CHLORANILINE (N-613-C) A HAZARDOUS_____	_____		
		WASTE MATERIAL. THIS REQUIRES EMPTY N613C			
		CONTAINERS TO BE GIVEN 3 WATER RINSES WITH			
		135÷145*F WATER FROM HOT WATER MIXER INTO			
		DV BEFORE DISPOSING. NOTE (2) N-613C IS			
		EXTREMELY TOXIC DESTROY DRUMS PER STD PRAC			
	10	STIR 30 MIN OR LONGER TO DISSOLVE FOR S13			
		RECORD: START 10:00A			
SV 4	11	RUN 5* (489G) WATER INTO V-182 & INSTALL			
		TEMP CHART			
	12	WHEN S6 STIR COMPLTE, RUN IN DV THRU SCREEN			

EQUIPMENT		PAGE 2 OF 3 CG 50 CODE YT-714-D (G)	USE LBS	N-CODE	ACCT LBS
DV 5	13	WHEN S10 STIR COMPLETE, ADJ TO 61° (2100G) HT 56-60 DEG F. ICE	6X330	57-A	1980
	14	SIPHON IN IN 10-12 MIN. SODIUM NITRITE M 9 ,33.36 %	1310	725-A	437
	15	STIR 5 MIN & RECORD: KI +, MUST BE +		725-A	
	16	STIR 30-45 MIN AT 60-72 DEG F MAINTAINING +CR, +KI FOR S20 RECORD: TIME START 945 CR_____(+), KI_____(+)		57-A	
		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	
283 6	17	RUN 15° (760G) WATER INTO V-283 AND HEAT TO 66-80 DEG F			
	18	DUMP IN & STIR TO DISSOLVE NICKEL SULFATE	939	707-B	939
	19	SIPHON IN IN 10-12 MIN & STIR FOR S30 AMMONIUM HYDROXIDE	510	122-D	510
DV 7	20	WHEN S16 STIR COMPLETE, TEST DV & RECORD CR +(+), KI +(+)			
		NOTE: (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+) KI_____(+)		28-A	
		(2) IF CR+, KI- ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+) KI_____(+)		725-A	
	21	SETTLE 15-30 MIN FOR S24 & RECORD: 63 "DV, START 1020			
MISC 8	22	SLURRY WITH +/- 30 GALLONS WATER IN DRUM FOR S32 SURFACTANT G3300	113	892-D	113
CV 9	23	ADJ CV TO 78-82 DEG F 39° (3787G) & RECORD HT 82 DEG F & REC 82 DEG F	2X330	57-A	
	24	WHEN S21 SETTLING COMPLETE, COUPLE DV UNDERSURFACE IN 60-70 MIN RECORD: START 1045 TOTAL MIN 60			
	25	DRAIN IN DV 5 MIN & WASH IN LINE ONLY			
	26	WHEN S24 COMPLETE, STIR 30 MIN & DISCONNECT TRANSFER LINE AT CV IMMEDIATELY			
	27	RECORD: DIAZO_____(-), BASE +(+), PH 8.5 (8.0-9.0)			
		NOTE: (1) IF DIAZO +, BASE -, & PH BELOW 8.0 (A) ADJ TO PH 8.0-9.0 SODIUM CARBONATE (B) RECORD PH_____		3-A	
		(2) IF DIAZO +, BASE -, & PH 8.0 OR ABOVE: (A) ADD 10# 100% N-44-C 2,4-DIHYDROXY QUINOLINE		44-C	
		(B) ADJ WITH WATER TO +/- 25G (C) STIR TO DISSOLVE (D) POUR INTO CV (E) STIR 10 MIN			
		(3) REPEAT (1) & (2) ABOVE AS NECESSARY TO - DIAZO, + BASE			

EQUIP MENT		PAGE 3 OF 3 CG 50 CODE YT-714-D (G)	USE LBS	N-CODE	ACCT LBS
CV 9 CONT	28	HEAT TO 134-136 DEG F IN 14-18 MIN			
	29	STIR 20-25 MIN AT 134-136 DEG F. DURING STIR WASH DV TO SEWER.			
	30	RUN IN V283 IN 20-25 MIN MAINTAIN 134-136 F			
	31	STIR 5 MIN & RECORD: PH 7.9 (7.8-8.8)			
	32	DUMP IN N-892-B SLURRY FROM S22			
	~~33~~	~~DUMP [illegible] BARIUM SULFATE~~	[illegible]	[illegible]	[illegible]
	34	STIR 90 MIN AT 134-136 DEG F RECORD: START 1 PM			
	35	FLOOD TO 84"			
	36	STOP AGITATOR			
	37	TAKE 1 QT. SAMPLE			

S35	V-100	V-105	V-106	V-182
"	81"	94"	94"	84"
GAL.	(8050G)	(9174G)	(9174G)	(8300G)

START	FIN	OPTR
7:00 AM	3:00 PM	237
3:00 AM		301
TP-A	2:30 P	282

DELAYED NO N-122-D

SUPERVISOR NOTE:

(1) IF DIAZO + AFTER INITIAL COUPLING (S27) ADVISE PROCESSING TO:

(A) LOAD IN DRUMS @ 325# NET AS PRESSCAKE DO NOT DRY. TAKE 1 QT. SAMPLE

(B) HIGH PRESSURE HOSE PRESS AND BOX AFTER DROPPING BEFORE FILLING NEXT BATCH

SUPVR: _____

DATE: _____