

CG 03
LOT F2J94

CODE KY-795-D. PKG

JUN 7 1982

PROCESSES
KY-795-D (I)APPROVED BY
FWP 03/23/82

EST'D WGT 934 LBS

STANDARD HRS. 11.1

TIME _____ M

JOB NAME: 03KY795DMI

COMPONENT CONSUMPTION:

CG	CODE	LOT	PQ	LBS	CG	CODE	LOT	PQ	LBS
14	YC002B	D2E24	93	3850	14	YC002B		93	
14	YC002B		93		14	YC002B		93	
14	YC002B		93		14	YC002B		93	

TOTAL EST'D WGT 4688* LBS.

NON-BLEEDING

EQUIP	NAME : 'KROLOR' YELLOW MEDIUM	USE LBS	N- CODE	ACCT LBS
	"BEFORE USING SV, MAKE SURE THAT N-28-D LINE IF ANY IS BLANKED OFF."			
203	RUN 60" (990 G) WATER IN V-203. SET AGITATOR ON HIGH SPEED.			
205	WEIGH IN DRUM & POUR IN DUMP IN AND STIR 5 MIN	500	32-D	500
	RECORD: START <u>5:30 P</u> LOT <u>D2E24</u>	77X50	YC-2-B	3850
1	FIN <u>10:00 P</u>			
	ADJUST TO 75" (1275 G)			
	WITH AGITATOR ON LOW SPEED PUMP V-203 THRU HOMOG AT 2400-2600 PSI INTO V-205			
	WHEN V-203 MT, WASH COLOR THRU HOMOG WITH MIN OF HOT WATER AT 2400-2600 PSI INTO V-205			
	RECORD: V-205 VOL <u>54</u> " & ADJ TO 51" (1874 G)			
	INSPECT HOMOG STRAINER & CLEAN IF NECESSARY			
205	RUN 4" (200 G) WATER INTO V-205 & START AGITATOR			
SV	PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV.			
	RECORD: TIME START <u>6:45</u> TOTAL MINUTES <u>135</u>			
2	NOTE: IF HOMOG PRESSURE FALLS BELOW 4800 PSI, 3-WAY VALVE WILL RECIRCULATE SLURRY TO V-205			
11	WHEN V-205 MT, RUN IN 5" (240 G) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV			
349	WHILE HOMOG, RUN 6" (284 G) WATER INTO V-349			
&	RUN 1000# WATER INTO V-384 & HEAT TO 110-120°F			
384	WEIGH INTO V-384 & PUMP TO V-349	2000	32-D	2000
	RUN 1000# WATER INTO V-384 & PUMP TO V-349			
3	ADJ V-349 TO 29" (1372 G) & STIR 15 MIN			
117	RECORD DENSITY: <u>1.051</u> G/ML (1.049-1.051)			
SV	WHEN S-11 HOMOG COMPLETE, ADJ SV TO 48 (2420 G)			
19	RECORD: PH <u>9.8</u> & ADJ TO 11.1-11.3 USING N-7-D			
4	DILUTED TO 5% (10 PARTS WATER TO 1 PART N-7-D)			
	ASSUME 50%	50	7-D	25
	SIPHON N-7-D INTO SV & RECORD: PH <u>11.1</u>			
20	HEAT TO 190-194°F IN 55-65 MIN & REC: HT _____ °F			
	& RECORD: _____ °F			
	NOTE: STRIKE MUST BE STARTED IMMEDIATELY ON			

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EQUIP PAGE 2 CG 03 KY-795-D
MENTI COMTYP JOB NAME: 03KY795DMI

V-240

USE N- ACCT
LBS CODE LBS

343 WHILE HEATING SV, RUN 69" (189B G) WATER INTO
& V-343
386 METER IN FROM V-386 M17 10.3/8 GAL 30.2 GAL 27-D 312
5 STIR 15 MIN OR LONGER
124 RECORD: DENSITY 1.012 g/ML (1.010-1.012)

SV 25 WHEN S 20 HEATING COMPLETE, RECORD: PH 10.1
6 26 SET V-343 ACID PUMP AT 96 SETTING (225 MIN)
27 SET V-349 SILICATE PUMP AT 82 SETTING (180 MIN)
28 IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV
AT 190-194°F DURING STRIKE.

RECORD: START FINISH MINUTES
V-343 11:05 AM 3:00 PM 225
V-349 11:05 AM 2:15 PM 190
TIME V-343 V-349 SV NORMAL
INCHES INCHES PH PH
AT 20 MIN 11:25 AM (64) (26) 9.9 (9.0-10.0)
40 MIN 11:45 AM (58) (23) 9.9 (9.0-10.0)
1 HR 12:05 PM (51) 20 9.9 (9.0-10.0)
2 HRS 1:05 (33) 34 9.8 (9.0-10.0)
3 HRS 2:05 (14) 16 9.8 (9.0-10.0)
FINISH 2:30 (0) 7.4 (7.5-8.5)

NOTE: IF PH DROPS BELOW 9.3 IN FIRST HOUR, STOP
PUMPS & SEE SUPV. IF FINAL PH IS ABOVE
8.5, ADJ TO 7.5-8.5 & RECORD: PH

ASSUME 77%

27-D

DRUM 30 WEIGH INTO 55 GAL DRUM 60 7-D 30
7 31 FILL WITH WATER & STIR 2 MIN FOR S-39

SV 32 WHEN V-349 MT, RINSE IN WITH MINIMUM WATER &
8 SET PUMP TO ZERO SETTING
33 WHEN V-343 MT, RINSE IN WITH MINIMUM WATER &
TURN OFF PUMP MOTOR

34 TURN OFF STEAM

35 SIFT IN

36 RUN IN ALUM USING BADGER METER

37 FLUSH ALUM LINE WITH WATER

38 RECORD: PH 3.5 (3.3-3.7) & IF NECESSARY ADJ

(DOWN ONLY) TO 3.3-3.7 & RECORD: PH. NOTE:

USE LIQUID ALUM, N-115-A. ADD TO SV VIA BADGER

METER STIR 5 MIN AFTER EACH ADDITION ASSUME 50%

39 SIPHON IN N-7-D FROM S31 IN 4-6 MIN & STIR 5 MIN

40 RECORD: PH 4.2 (4.0-4.2) & IF NECESSARY ADJ TO

PH 4.0-4.2 & RECORD: PH

ASSUME 77%

27-D

DILUTE N-7-D 10 TO 1 WITH WATER

ASSUME 50%

7-D

SIPHON N-7-D INTO SV

41 POUR IN STIR 15 MIN

45 978-A

45

42 STOP AGITATOR

START

FINISH

OPERATOR

7:00 AM
3:00 PM

3:00 PM
4:00 PM

320-342
126-301

