

S.V. 246 (247) C.V. D.V.

CG 04 CODE K0-909-D PKG. 34017

EST. WGT. 1530-1674 LBS.

STD. HRS. 11P TIME M

01 YC-16-B 93 4 Lot 33750, 2000 # OK

01 YC-16-B 93 4 Lot 33755, 1050 # 11P

01 YC-16-B 93 4 Lot 33910, 550 # 11P

TOTAL WGT 5274# (Req. 0582) Back In Service 5:00 AM 1-29-80

PROCESSES () K0-909-D (C) EWK 1-27-78
() () DCG 1-30-78
() () MTW 2-27-78

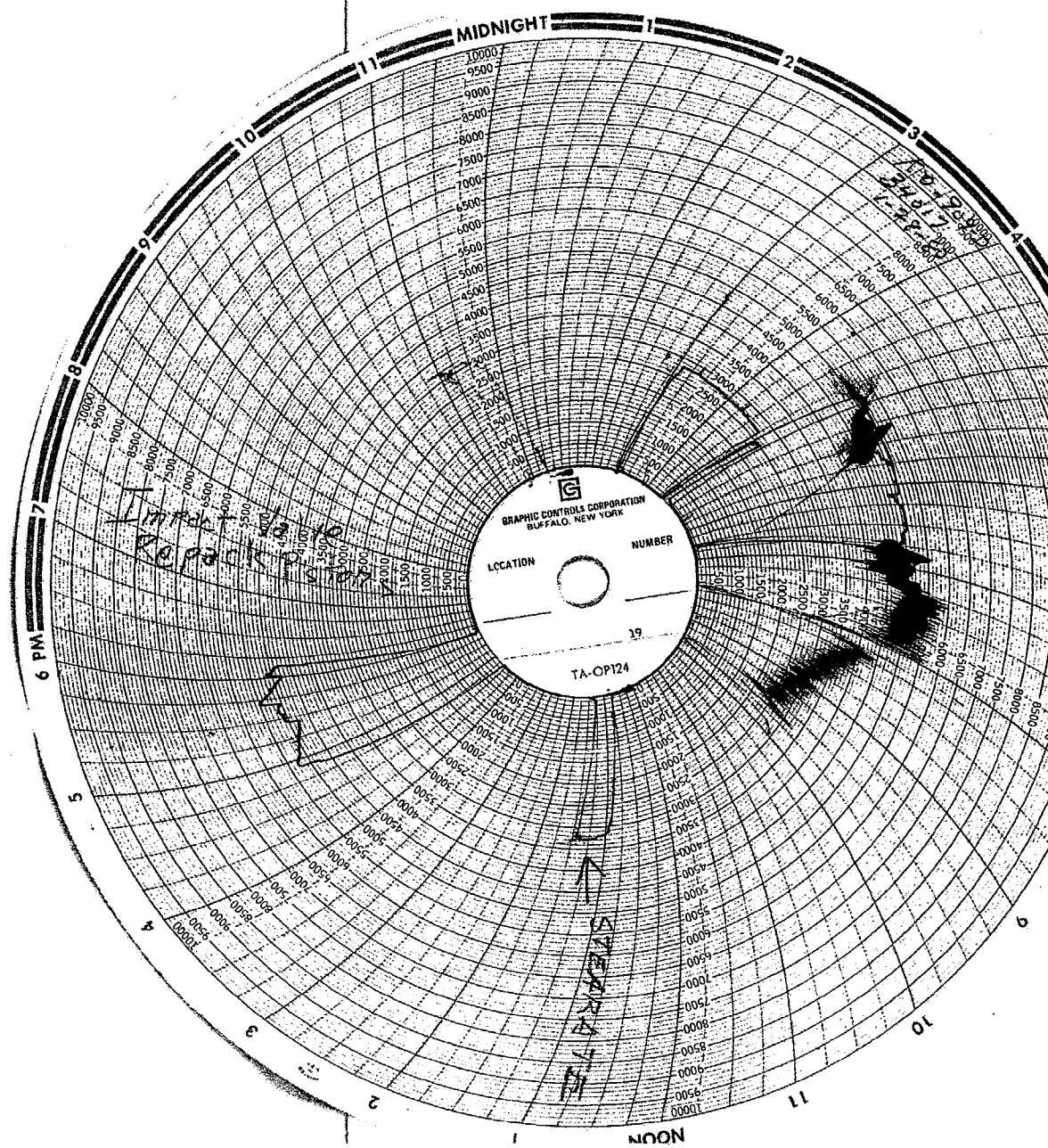
TYPED BY
NSA 3-13-78

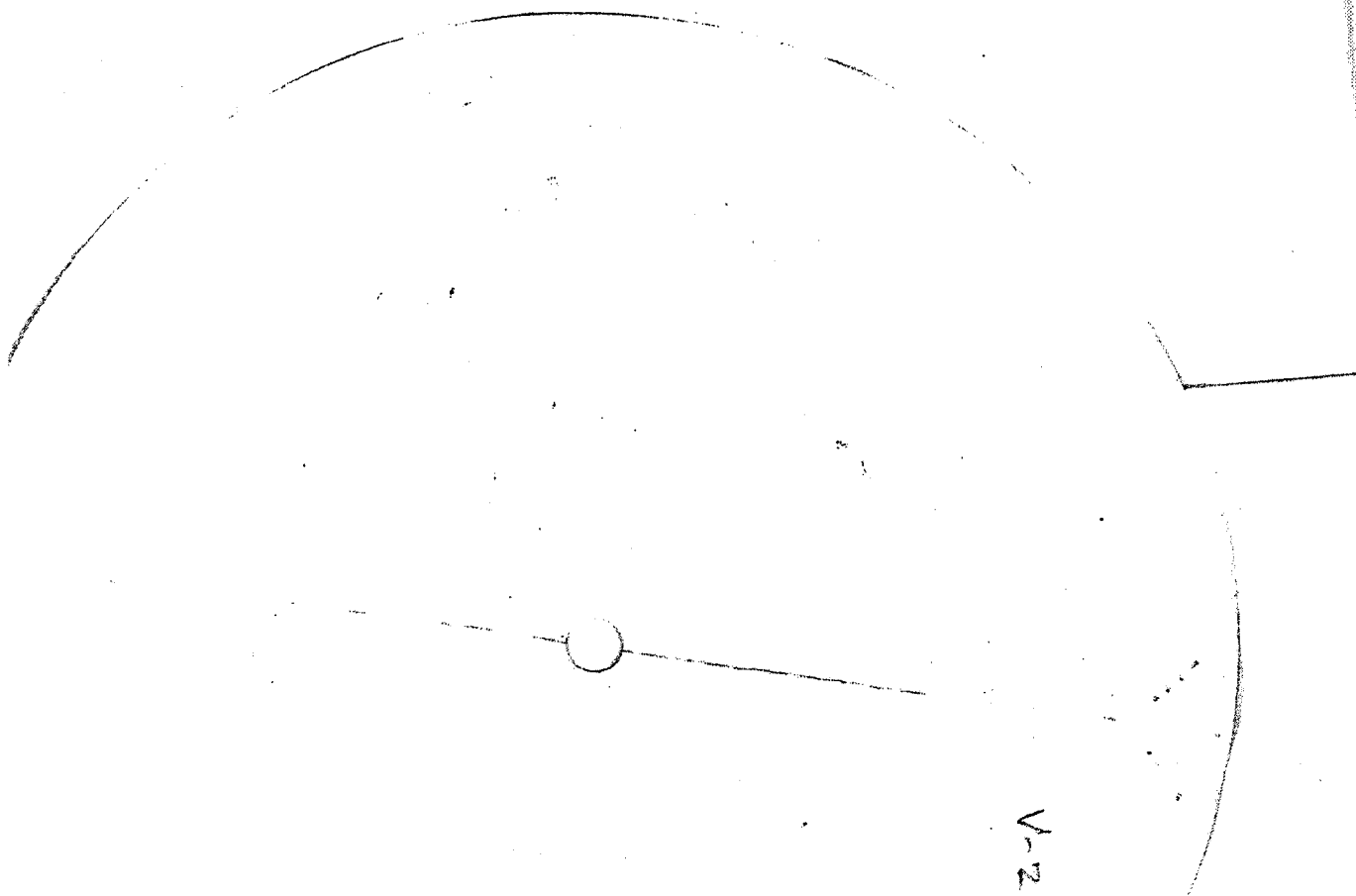
V-247 MT 4:50/10
Homog #2 Leaking, Needed
Impact Valve
NON-BLEEDING

EQUIPMENT	NAME: KROLOR® ORANGE Y	USE LBS.	N CODE	ACCT. LBS.
211	1 Run 30" (488 G) water into V-211			430
208	2 Pour in	480-430	32-D	480
1	3 Dump in	72 x 50	YC-16-B	3600
	Record: Start: <u>11:30 P.m.</u> <u>33750</u>	<u>2000</u>		
	Fin: <u>1:10 P.m.</u> <u>33755</u>	<u>1050</u>		
	<u>75" (12756)</u> <u>33910</u>	<u>550</u>		
	4 Adj to 63" (1065 G) <u>2800-3200</u>			
	5 Pump V-211 thru Homog #2 at 1800-2200 psi into V-208			
	6 When V-211 MTY, wash color thru Homog at 1800-2200 psi using minimum water			
	7 Record: V-208 Vol <u>4 1/2</u> " and adj to 54" (1981 G)			
	8 Inspect homog strainer & clean if necessary			
208	9 Run 10" (514 G) water into V- <u>247</u> Install Temp chart			
SV	10 Pump V-208 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start <u>5:00 P</u> Total Min			
	NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	11 When V-208 MTY, run in 5" (240 G) water and pump thru Homog at 4800-5200 psi			
349	12 While Homog, run 6" (284 G) water into V-349			
384	13 Run 1000# water into V-384 and heat to 110-120°F	2500		2500
3	14 Weigh into V-384 and pump to V-349	2775	32-D	2775
	15 Run 1000# water into V-384 and pump to V-349			
	16 Adj V-349 to 19" (899 G) and stir 15 min or longer			
	17 Record: Be <u>1.094</u> <u>14.3 ± 0.2</u> (<u>1.091-1.094</u>)			
SV	18 When S 10 Homog complete, adjust SV to 60" (3084 G)			
4	19 Record: pH <u>10.8</u> and adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	6	7-D	3
	Siphon N-7-D into SV & Record: pH <u>11.1</u>			
	20 Heat to 190-194°F in 55-65 min and Record: HT °F and Rec °F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 49" (1348 G) water into V-343			
386	22 Meter in from V-386 <u>M 14 - 9.38</u> #/Gal <u>39.8</u> Gal		27-D	414
5	23 Stir 15 min or longer			373
	24 Record: Be <u>1.019</u> (<u>3.4 ± 0.1</u>) (<u>1.018-1.020</u>)			

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EQUIPMENT	PAGE 2	CG 04	CODE K0-909-D (C)	EST. WGT. 5274	LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 6	25	When S 20 heating complete, Record: pH 10.2 (9.6-10.2)						
	26	Set V-343 acid pump at 69 setting (± 225 min)						
	27	Set V-349 silicate pump at 54 setting (± 180 min)						
	28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike						
	29	Record: Start Finish Min						
		V-343 11:30 3:25 225						
		V-349 11:30 3:35 185						
		Record: Time	V-343	V-349	SV pH	Normal pH		
			Inches	Inches				
		at 20 min 11:50	(46) 47	(17) 17	9.8	9.3-10.0		
		40 min 12:10	(41) 42	(15) 15	9.8	9.3-10.0		
		1 hr 12:30	(37) 38	(13) 13	9.7	9.3-10.0		
		2 hrs 1:30	(23) 24	(6) 6	9.7	9.3-10.0		
		3 hrs 2:30	(10) 11	(0) 0	9.7	9.3-10.0		
		Finish 3:25	(0) 0	(0) 0	7.1	7.5-8.5		
		NOTE: (1) If pH not as specified, notify supervisor & note in log						
		(2) If final pH is above 8.5, adjust to 7.5-8.5 & Record: pH Assume 78%						
	30	Sift in 1 bag				50	27-D 128-A	50
357 7	31	Run 30" (216 G) water into V-357 and heat to 135-140°F				477	15-A	477
	32	Dump in and stir to dissolve for S 61						
302 8	33	Add 38" (465 G) water to V-302						
	34	Add & stir 2 min for S 64 Assume 50%				296	7-D	148
PT 9	35	During strike pump into PT				482	169-A	482
	36	Pump In				54	155-A	54
	37	Pump In				54	160-A	54
	38	Stir 10 min with lightning mixer for S 42						
356 10	39	During strike, Run 22" (268 G) water into V-356						
	40	Turn on steam						
	41	Adj to 305 (366 G) at 178-182°F 82°C						
	42	Pump PT mixture from S 38 thru undersurface distributor AFAP						
	43	Rinse PT with HOT water from hot water mixer & pump in						
	44	Shut off pump						
	45	Stir 30 min at 178-182°F for S 55 82°C						
	46	Do Not Shut Off Agitator						
SV 11	47	When V-349 MTY, rinse in with minimum water then set pump to zero setting						
	48	When V-343 MTY, rinse in with minimum water then turn off pump motor						
	49	Stir 60 min at 190-194°F						
	50	Heat to 198-200°F in 5-10 min						
	51	Close water line & discharge valves at stearate pump						
	52	Open V-356 discharge valves to stearate pump inlet						
	53	Open water valve at stearate pump & run water thru Homog at 2900-3100 PSI to sewer						
	54	While Homog water at 2900-3100 PSI, open Homog discharge valve to SV & close valve to sewer						
	55	Immediately open stearate pump discharge valve, turn on pump & Homog V-356 to SV at 2800-3100 PSI maintain SV at 198-200°F						
	56	While Homog V-356 to SV, Shut off water valve at stearate pump ASAP						





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