

S.V. 245 247

C.V.

D.V.

CG 04 CODE KO-906-D PKG.

HAY 13 35740

EST. WGT. 1377 LBS.

STD. HRS. TIME 7P M

PROCESSES		APPROVED BY	
() KO-906-D	(C)	EWK	1/24/78
()	()	DCG	1/26/78
()	()	MW	1/26/78
TYPED BY			
ri 3/2/78			

01 YC-10-B 93 4 33456, 350#
 01 YE-10-B 98 4 34946, 1600#
 01 YC-10-B 93 4 35488, 1150#

TOTAL WEIGHT 5077# (Req. 4) Impact Valve Leaking Repacked 2:00 PM, 1/14/80

NON-BLEEDING

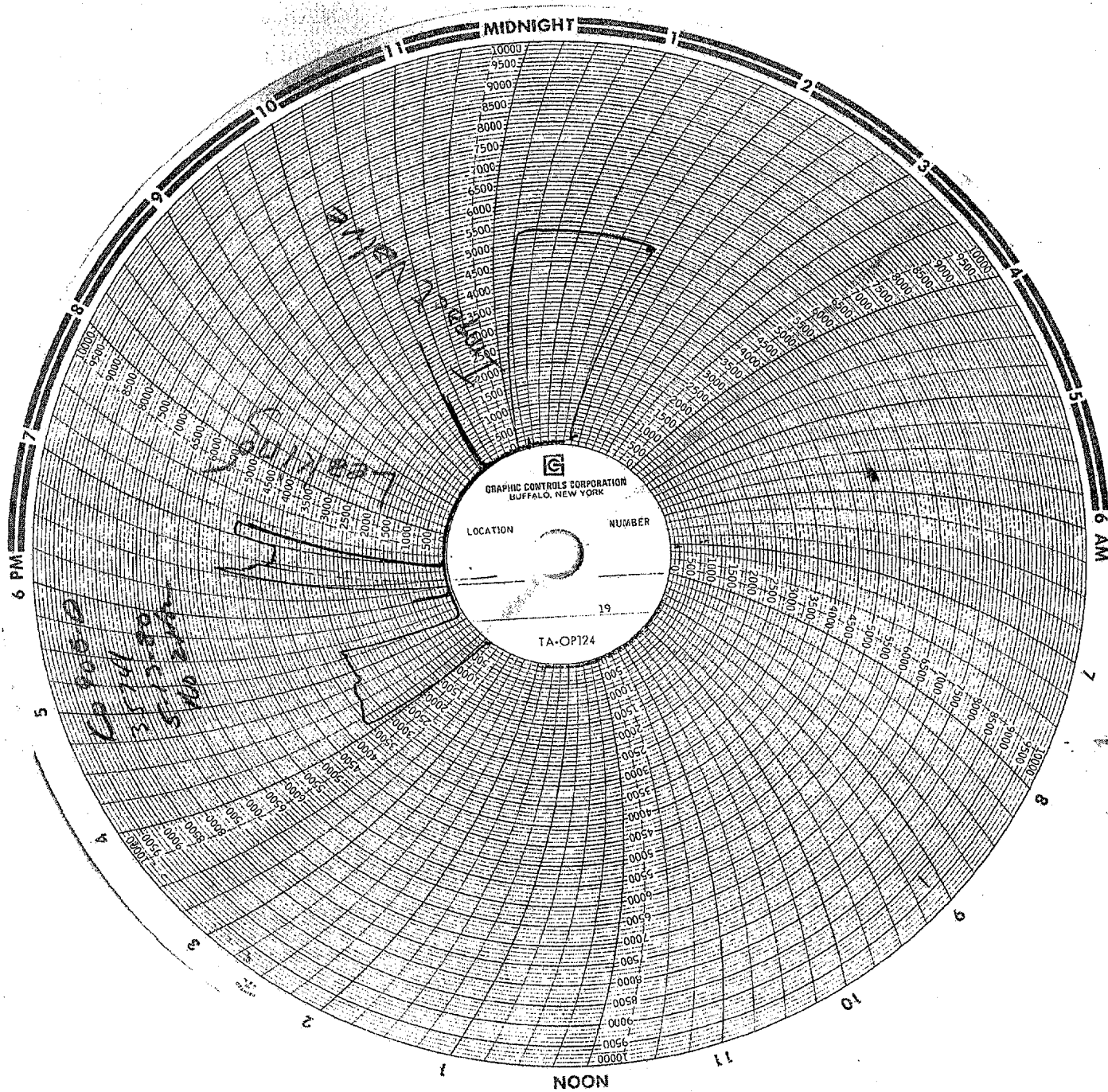
EQUIPMENT	NAME: 60" (990 G)	USE LBS.	N CODE	ACCT. LBS.
211 & 208	1 Run 31" (505 G) water in V-211 and add Assume 50%	26	7-D	13
1	2 Weigh in drum and pour in	245	32-D	245
	3 Dump in and stir 5 min Lot	74 x 50	YC-10-B	3700
	Record: Start YC-10-B 33456	350		
	Finish YE-698-D 34946	1600		
	75" (1275 G) YC-10-B 35488	1150		
	4 Adjust to 64" (1082 G) 80" (1360 G) YE-698-35036	600		
	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 " & adjust to 45" (1662 G)			
	8 Inspect Homog strainer and clean if necessary			
	9 Run 15" (793 G) water into V- 247 & start agitator			
208 & SV	10 Pump V-208 thru Homog at 4800-5200 psi into SV			
2	11 Record: Time Start 1:15P Total Min 1:50			
	Note: If Homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	12 When V-208 MTY, run 5" (240 G) water and pump thru Homog at 4800-5200 psi			
349 & 384	13 While Homog, run 5" (237 G) water into V-349			
3	14 Run 1000# water into V-384 and heat to 110-120°F			
	15 Weigh into V-384 and pump to V-349	2165	32-D	2165
	16 Run 1000# water into V-384 and pump to V-349			
	17 Adjust V-349 to 20" (946 G) and stir 15 min or longer			
	18 Record: 98.1 1081 (10.9 ± 0.2) (1.078-1.081)			
SV	19 When S12 Homog complete, adj to 59" (3033 G) in SV			
4	20 Record: pH 10.9 & adj to 10.4-10.8 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%		7-D	
	Siphon N-7-D into SV, stir 5 min & record: pH			
	21 Heat to 190-194°F in 55-65 min & Record: HT 193, Rec 194 OF			
	Note: Strike must be started immediately on completion of heating			
343 & 386	22 While heating SV, run 46" (1265 G) water into V-343			
5	23 Meter in from V-386 M 10.50 #/Gal, 30.5 Gal		27-D	320
	24 Stir 15 min or longer			
	25 Record: 98.1 1019 (2.9 ± 0.1) (1.078-1.019)			

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EQUIPMENT	PAGE 2	CG 04	CODE K0-906-D (C)	EST. WGT. 5077	LBS.	USE LBS.	N CODE	ACCT. LBS.
SV	26	When S20 heating complete, Record: pH <u>10.1</u> (9.6-10.2)						
6	27	Set V-343 acid pump at 65 setting (+225 min)						
	28	Set V-349 Silicate pump at 57 setting (+180 min)						
	29	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike						
	30	Record: Start Finish Minutes						
		V-343 <u>10:10</u> <u>1:30 AM</u> <u>210</u>						
		V-349 <u>10:10</u> <u>2:35 AM</u> <u>255</u>						
		Record:	Time	V-343	V-349	SV pH	Normal pH	
			<u>10:10</u>	<u>48</u> inches	<u>20</u> inches			
		at 20 min	<u>10:30</u>	(43) <u>44</u>	(18) <u>—</u>	<u>9.9</u>	9.3-10.0	
		40 min	<u>10:50</u>	(39) <u>40</u> +	(16) <u>—</u>	<u>9.9</u>	9.3-10.0	
		1 hr	<u>11:50</u>	(35) <u>32</u>	(13) <u>13</u>	<u>9.9</u>	9.3-10.0	
		2 hrs	<u>12:50</u>	(22) <u>19</u>	(7) <u>5</u>	<u>9.9</u>	9.3-10.0	
		3 hrs	<u>1:50</u>	(10) <u>6</u>	(0) <u>0</u>	<u>9.9</u>	9.3-10.0	
		Finish	<u>2:35</u>	(0)		<u>7.1</u>	7.5-8.5	
		Notes: (1) If pH not as specified notify supervisor & note in Log						
		(2) If final pH is above 8.5, adj to 7.5-8.5 and						
		Record: pH					Assume 78%	
	31	Sift in 1 bag					50	27-D <u>228-A</u> <u>65</u>
356	7	32	Run 19" (137 G) water into V-356 & heat to 135-140°F				270	15-A
		33	Dump in & stir to dissolve for S61				270	270
302	8	34	Run 24" (294 G) water into V-302					
		35	Add & stir 2 min for S64				Assume 50%	
							136	7-D
PT	9	36	During strike pump into PT				464	169-A
		37	Pump in				52	155-A
		38	Pump in				52	160-A
		39	Stir 10 min with lightning mixer for S43					52
356	10	40	During strike, run ^{15"} 22" (268 G) water into V-356					
		41	Turn on steam					
		42	Adj to 30" (366 G) at 178-182°F <u>81-82°C</u>					
		43	Pump PT mixture from S39 thru undersurface					
			Distributor AFAP					
		44	Rinse PT with hot water from hot water mixer & pump in					
		45	Shutoff pump <u>81-82°C</u>					
		46	Stir 30 min at 178-182°F for S55					
		47	Do not shutoff agitator					
SV	11	48	When V-349 MTY, rinse in with minimum water then set pump to zero setting					
		49	When V-343 MTY, rinse in with minimum water then turn off pump motor					
		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 2900-3100 psi					
			Maintain SV at 198-200°F					
		56	While Homog V-356 to SV, shutoff water valve at Stearate pump ASAP					

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EQUIPMENT	PAGE 3 CG 04 CODE K0-906-D (C) EST. WGT. 5077 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV	57 When Homog complete, rinse in V-356 with hot water			
11	From hot water mixer			
Con'T'	58 When S57 complete, turn off Homog & stearate pump			
	59 Stir 5 min at 198-200°F			
	60 Shut off steam			
	61 Run in V-357 from S33 and stir 5 min			
	62 Record: pH 3.9 (3.3-3.7)			
	63 If necessary, adj pH to 3.3-3.7 (Downward only) and			
	Record: pH 3.7	50	15-A	50
	64 Run in N-7-D from S35 in 4-6 min and stir 5 min			
	65 Record: pH 4.2 (4.0-4.2) and if necessary, adj to			
	pH 4.0-4.2 and Record: pH ✓ Assume 78%		27-D	
	(Dilute 10 parts water to 1 part N-7-D) Assume 50%		7 D	
	Siphon N-7-D into SV			
66	Do not stop agitator			
	START FIN OPTR			
	700 A 300 P 259			
	3:00 P 11:00 PM 235			
	11:00 PM 5:15 AM 381			



DUP050457895

N32409.01

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