C.V. 260 D.V. 303, 315, 317, 322, 323

CO 40 CODE RT-531-D PKG.

→ OCT 23 80 37552

EST. WGT. ~~668~~ 650 LBS.

STD. HRS. TIME 34 M

| PROCESSES | | APPROVED BY |
|---|---|---|
| (•) RT-531-D | (N) | BBK 04-25-77 |
| (C) RT-160-P | ( ) | DCG 04-26-77 |
| ( ) | ( ) | MTW 04-27-77 |
| ( ) | ( ) | |
| TYPED BY | | |
| emw042977 | | |

2 J3

**CLEAN UP AS YOU GO ALONG**

**LEAVE ONE STUMP ONLY**

**NON-BLEEDING**

| EQUIPMENT | | NAME: NAPHTHANIL® RED LIGHT | USE LBS. | N CODE | ACCT. LBS. |
|---|---|---|---|---|---|
| Prep 1 | 1 | Obtain for S 6 | | 504-C | |
| | 2 | Obtain for S 18 | | 150-C | |
| | 3 | Clean, dress, close 24" clarif press - 15 frames WEST Boilers out V-260 | 100 | 7 | 50 |
| V 2 | 4 | Run 20" (486 G) water into V-303 | | | |
| | 5 | Run in from V-324 M 9 , 32.60 % | 387 | 28-D | 126 |
| | 6 | Dump in from S 1 Lot | | 504-C | 210 |
| | | 4694 | 200 | | |
| | | 4459 | 10 | | |
| | 7 | Add & stir 15 min to wet Lot 279 % 680 | 1 | 896-C | 1 |
| | 8 | Adj to 43" (1020 G) at 40-45°F | 4x 330 | 57-A | 1320 |
| | 9 | Pour in AFAP M 12 , 33.16 % | 326 | 725-A | 95 |
| | 10 | Stir 5 min & Record: CR (+) M , % | | 28-D | |
| | | KI (+), Temp 47 (40-45°F) M , % | | 725-A | |
| | 11 | Stir 10 min at 40-45°F maintaining + CR & + KI for S 13 | | 57-A | |
| | | Record: Start 10:55 Am CR + (+), KI + (+) | | 725-A | |
| Misc 3 | 12 | Slurry in 40 Gal water in drum & precoat clarif press | 5 | 777-A | 5 |
| V 4 | 13 | When S 11 stir complete, dump in | 15 | 113-A | 15 |
| | 14 | Dump in | 10 | 777-A | 10 |
| | 15 | Stir 30 min at 40-45°F maintaining + KI for S 23 | | 725-A | |
| | | Record: Start 11:10 AM KI + (+) | | 57-A | |
| 330 5 | 16 | Run 13" (177 G) water into V-330 | | | |
| | 17 | Slurry in 25 G water & pour in | 16 ~~24~~ | 39-A | 16 ~~24~~ |
| | 18 | Dump in from S 2 & stir 30 min or longer to wet Lot | | 150-C | 370 |
| | | Record: Start 1:55 Pm 21017 | 132 | | |
| | | 20584 | 132 | | |
| | | 20583 | 99 | | |
| | | 20582 | 17 | | |
| 314 6 | 19 | Run 12" (144 G) water into V-314 | | | |
| | 20 | Pour in Assume 50% | 58 | 720-D | 29 |
| | 21 | Siphon in & stir 3 min M 11 , 26.63 % | 52 | 30-D | 43 |
| | 22 | Record: pH 6.9 (6.7-7.5) Assume 50% | | 720-D | |
| | | If necessary adj to 6.7-7.5, Record: pH Assume 75% | | 30-D | |

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| IIPMENT | | PAGE 2 CG 40 CODE RT-531-D (N) EST. WGT. 665 LBS. | USE LBS. | N CODE | ACCT LBS |
|---|---|---|---|---|---|
| IV 7 | 23 | Pump DV thru clarif press into V-323 maintaining temp at 40-45°F. Record: Start 11:53AM Total Min 18 | 2 x 330 | 57-A | 990 |
| | | NOTE: Do not use V-303 - too small | | | |
| | 24 | When S 23 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -CR test on a sample of total press effluent, whichever comes first collect washings in DV (S 23) Record: Start 12:15PM CR — (- or +) | | | |
| | 25 | When S 24 is complete, test DV (S 23) & Record: KI — (+). Temp 35 (40-45°F) | | 725-A 57-A | |
| 36 | 26 | Weigh in Rubber Bucket & Rinse in & stir 3 min | 10 | 395-D | 10 |
| | 27 | Record: KI — Must be - & If necessary adj to - KI | | 395-D | |
| | 28 | Adj to 5.5" (1925 G) at 40-45°F | 1 x 330 | 57-A | 330 |
| | | Ewk 5/15/77 39# | | | |
| 60 8 | 29 | Run [illegible] (3900 G) water into V-260 | | | |
| | 30 | Install Temp Chart & Set Agitator at 16 RPM | | | |
| 330 9 | 31 | When S 18 stir complete pour in, in 3-4 min Assume 50% | 220 | 721-D | 110 |
| | 32 | Heat to 128-132°F AFAP & stir 5 min to dissolve. Stop agitator | | | |
| 60 10 | 33 | Immediately run V-330 AFAP into CV. No agitation in CV Record: Start 2:32PM Total Min 10 | | | |
| | 34 | Pour in & stir 5 min M 11 ; 76.63 % | 176 | 30-D | 150 |
| | 35 | Record: pH 9.8 (10.5-11.0) Assume 50% | 14 | 721-D | 14 |
| | | If necessary adj to pH 10.5-11.0 Record: pH 10.9 Assume 75% | | 30-D | |
| 62 | 36 | Run in V-302 AFAP | | | |
| | 37 | Dump in 314 | 20 35 | 65-A | 20 35 |
| | 38 | Heat to 78-82°F & Record: HT 80 °F & Rec 83 °F | | | |
| | 39 | When S 28 complete, couple DV undersurface in 65-70 min Maintain CV at 78-82°F Record: Start 9:15P Total Min 70 | | | |
| | 40 | Record: Diazo + (- or +) Base — Must be + pH 4.8 (4.2-4.6) | | | |
| HERE | 41 | If necessary stir to - diazo Record: Start 10:25P Total Mrn 10 Record: Diazo — Must be - Base + Must be + pH 4.1 (4.2-4.6) | | | |
| SC 11 | 42 | Dissolve in 30 G water at 130-140°F in drum for S 43 | 30 | 567-B | 30 |
| 0 12 | 43 | Pour in N-567-B sol'n from S 42 | | | |
| | 44 | Heat to 194-196°F in 55-60 min & Record: HT °F & Rec 194°F | | | |
| SC 13 | 45 | Dissolve in 35 G water at 140-150°F in drum for S 46 | 60 | 15-A | 60 |
| 0 14 | 46 | When S 44 heating complete, pour in N-15-A sol'n from S 45 into CV | | | |
| | 47 | Stir 30 min at 194-196°F | | | |
| | 48 | Flood to [illegible] G) & stop agitator | | | |
| | | Ewk 3/24/1080" (7928G) | | | |

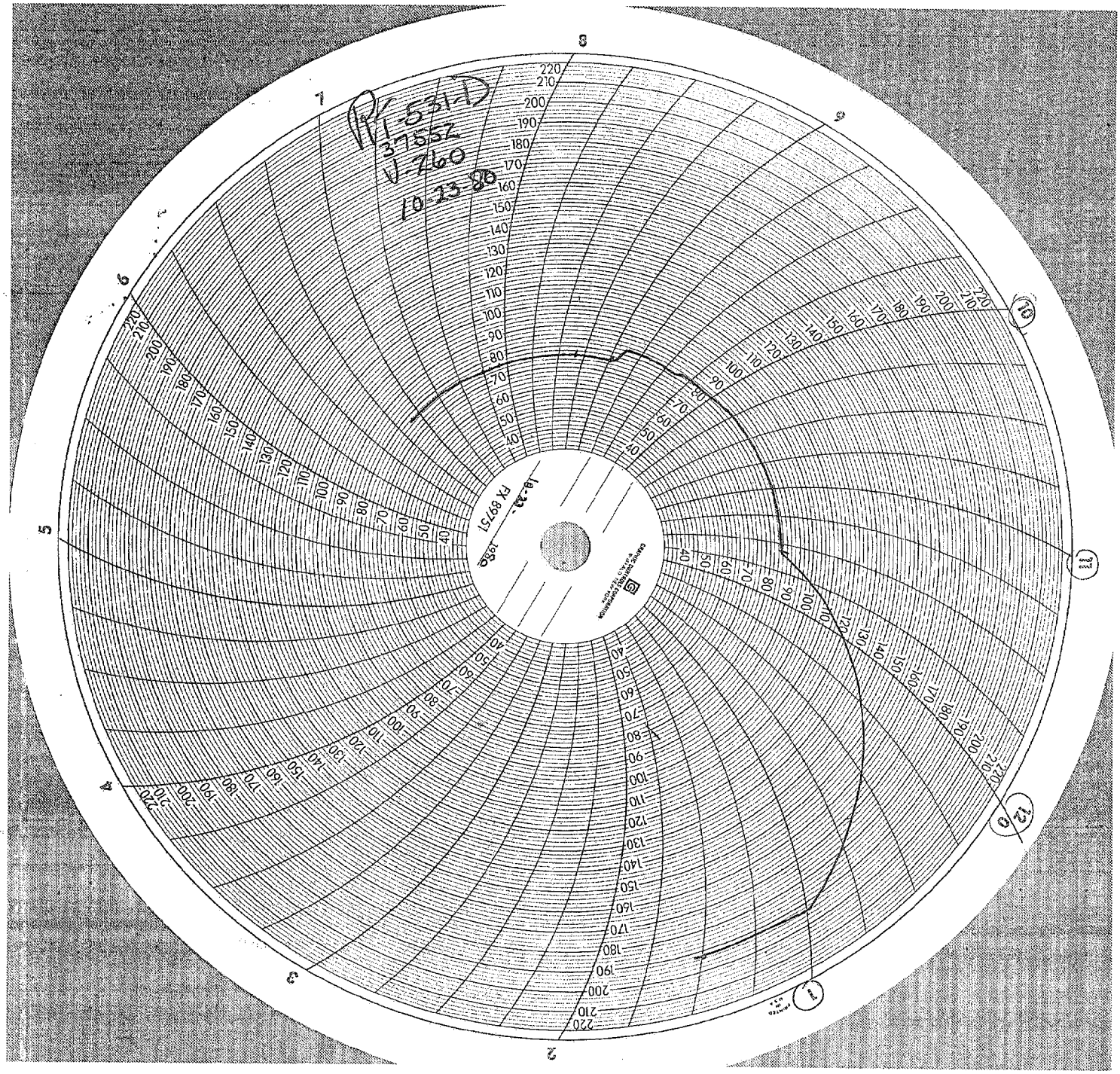
| VAT | V-303 | V-315 | V-317 | V-322 | V-323 |
|---|---|---|---|---|---|
| S 4 (486 G) | 20" | 14" | 14" | 14" | 14" |
| S 8 (1020 G) | 43" | 30" | 30" | 30" | 30" |

NOTE — Took 150 Mins To Pump V-207 - To VAT 2600

| START | FIN | OPTR |
|---|---|---|
| 2:00 PM | 3:00 PM | 144 |
| 3:45 PM | 11:00 PM | 381 |
| 11:00 PM | 1:45 AM | 301 |

30 REV.

DUP050106851

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