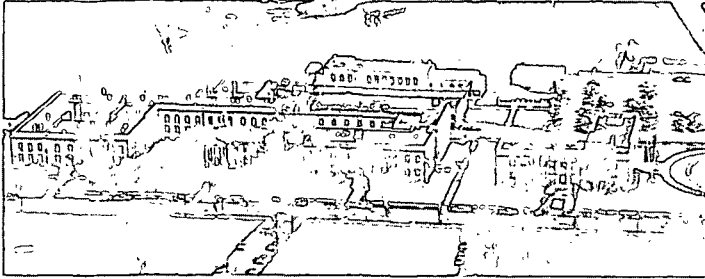


BASE-LINE
MARCH-APRIL, 1975



THE INSTITUTE OF PAPER CHEMISTRY, APPLETON, WISCONSIN

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL CORRUGATING MEDIUM DATA FOR MARCH AND APRIL, 1975)

Project 2694-2

Report Fourteen

A Progress Report

to

FOURDRINIER KRAFT BOARD INSTITUTE, INC.

This material is intended only for the internal use
of authorized persons within Fourdrinier Kraft Board
Institute member companies

June 23, 1975

BASE-LINE
MARCH-APRIL, 1975

THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL CORRUGATING MEDIUM DATA FOR MARCH AND APRIL, 1975)

SUMMARY OF 26-LB CORRUGATING MEDIUM DATA
(JANUARY-APRIL, 1975)

| Test | | January | February | March | April |
|--|-------------------|-----------|-----------|-----------|-----------|
| Moisture Content, % | Max. ^a | 9.1 | 9.2 | 9.0 | 9.0 |
| | Min. ^a | 3.2 | 2.4 | 3.6 | 3.5 |
| | Av. ^b | 6.1 (27) | 6.0 (25) | 6.2 (28) | 6.0 (29) |
| Adj. Basis Weight, lb/M ft ² | Max. ^a | 27.9 | 28.0 | 27.4 | 27.4 |
| | Min. ^a | 25.8 | 25.9 | 25.8 | 25.9 |
| | Av. ^b | 26.5 (27) | 26.6 (25) | 26.4 (28) | 26.5 (29) |
| Caliper, pt. | Max. ^a | 11.4 | 11.9 | 11.6 | 12.0 |
| | Min. ^a | 9.2 | 9.1 | 9.0 | 8.9 |
| | Av. ^b | 9.9 (27) | 10.0 (25) | 9.9 (28) | 10.0 (29) |
| Concora, psi | Max. ^a | 42.8 | 45.0 | 45.7 | 48.2 |
| | Min. ^a | 31.0 | 31.3 | 32.8 | 35.6 |
| | Av. ^b | 37.6 (27) | 38.2 (25) | 38.4 (28) | 38.8 (29) |

^aCurrent machine average.

^bCurrent F.K.I. average, number of machines is indicated in parentheses.

INTRODUCTION

The continuous-based line study (modified) is a compilation of monthly averages of mill test data obtained routinely on 26-lb corrugating medium manufactured in the members mills of F.K.B.I., Inc. Mill data are included for moisture content, basis weight, caliper, and Concora made on the production of individual machines which produced at least 500 tons of this grade weight during a given month.

PRESENTATION OF DATA

For the 26-lb grade weight of corrugating medium referred to earlier, mill test averages for moisture content, adjusted basis weight, caliper, Concora, and data on conditioning and testing environments are compiled in the following tables.

| Table Number | Description |
|--------------|--|
| I | Data on Conditioning and Testing Environments |
| II-III | Mill Test Averages on 26-lb Corrugating Medium |

The procedures used in calculating cumulative machine averages, machine factors, machine indexes, and F.K.I. indexes are described in the Appendix.

It should be explained that the number of machines for which data are compiled in each table for a specified month varies for these reasons: a machine must have (a) produced at least 500 tons of 26-lb corrugating medium during the specified month, or (b) produced 500 tons of 26-lb corrugating medium during any one or more of the 12 months prior to the specified month (so that a cumulative average is available), to be included in a given table.

TABLE I
 DATA ON CONDITIONING AND TESTING ENVIRONMENTS
 MARCH AND APRIL, 1975

| Code | Conditioning Environment | | | Testing Environment | |
|------|---|-----------|-----------|---------------------|-----------------------------|
| | Are Quality Samples Conditioned Before Testing? | Procedure | Temp., °F | RH, % | |
| A1 | Yes | -- | 73 | 50 | Yes: 73°F; 50 ± 2% RH |
| B1 | Yes | 20 Min | -- | -- | Yes: 73 ± 2°F; 50 ± 2% RH |
| C1 | No | -- | -- | -- | Yes: 73 ± 2°F; 50 ± 2% RH |
| D1 | No data submitted for March and April | | | | |
| E1 | No | -- | -- | -- | Yes: 73 ± 2°F; 50 ± 2% RH |
| F1 | No | -- | -- | -- | No |
| G1 | No | -- | -- | -- | No |
| H1 | No | -- | -- | -- | No |
| I1 | No | -- | -- | -- | Yes: 73 ± 3°F; 50 ± 2% RH |
| J1 | No | -- | -- | -- | Yes: 73 ± 2°F; 50 ± 5% RH |
| K1 | No | -- | -- | -- | No |
| L1 | No | -- | -- | -- | No |
| M1 | No | -- | -- | -- | Yes: 73 ± 3°F; 50 ± 2% RH |
| N1 | No | -- | -- | -- | Yes: 72 ± 2°F; 50 ± 2% RH |
| O1 | No | -- | -- | -- | No |
| P1 | No data submitted for March and April | | | | |
| Q1 | No | -- | -- | -- | Yes: 73 ± 3°F; 50 ± 2% RH |
| R1 | No | -- | -- | -- | No |
| S1 | No | -- | -- | -- | No |
| T1 | No data submitted for March and April | | | | |
| U1 | No | -- | -- | -- | Yes: 73 ± 2°F; 50 ± 2% RH |
| V1 | No | -- | -- | -- | No |
| W1 | No | -- | -- | -- | No |
| X1 | No | -- | -- | -- | No |
| Y1 | No data submitted for March and April | | | | |
| Z1 | No | -- | -- | -- | Yes: 73 ± 1°F; 50 ± 2% RH |
| A2 | No | -- | -- | -- | Yes: 73 ± 3.5°F; 50 ± 2% RH |
| B2 | No | -- | -- | -- | No |
| C2 | No | -- | -- | -- | No |
| D2 | No data submitted for March and April | | | | |
| E2 | No | -- | -- | -- | No |
| F2 | No | -- | -- | -- | Yes: 73 ± 2°F; 50 ± 1% RH |
| G2 | No | -- | -- | -- | Yes: 72 ± 2°F; 50 ± 2% RH |
| H2 | No | -- | -- | -- | Yes: 73 ± 2°F; 50 ± 2% RH |
| I2 | No | -- | -- | -- | Yes: 73 ± 1°F; 50 ± 2% RH |
| J2 | No data submitted for March and April | | | | |
| K2 | No | -- | -- | -- | Yes: 70 ± 7°F; 50 ± 10% RH |

TABLE II
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 25 LB. CORRUGATING MEDIUM
MARCH, 1975

| CODE | MOISTURE CONTENT, PERCENT | | | | ADJ. BASIS WT.,*A LB./ M SQ. FT. | | | | CALIPER, PT. | | | | CONCORD TEST, P.S.I. | | | |
|----------|---------------------------|----------|----------|---------|----------------------------------|----------|----------|---------|--------------|----------|----------|---------|----------------------|----------|----------|---------|
| | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | |
| | CUR. AV. | CUM. AV. | FACT. *B | IND. *C | CUR. AV. | CUM. AV. | FACT. *B | IND. *C | CUR. AV. | CUM. AV. | FACT. *B | IND. *C | CUR. AV. | CUM. AV. | FACT. *B | IND. *C |
| A1 | | 5.6 | | | 26.8 | | | | 9.2 | | | | 36.1 | | | |
| H1 | 6.1 | 6.2 | 98.4 | 98.4 | 26.6 | 27.3 | 97.4 | 100.8 | 9.5 | 9.9 | 96.0 | 96.9 | 36.9 | 37.7 | 97.9 | 100.5 |
| C1 | 9.0 | 9.1 | 98.9 | 145.2 | 25.9 | 25.8 | 100.4 | 98.1 | 10.7 | 11.0 | 97.3 | 109.2 | 40.4 | 39.8 | 101.5 | 110.1 |
| D1 | | 5.4 | | | 26.5 | | | | 9.1 | | | | 34.5 | | | |
| E1 | 6.9 | 7.0 | 98.6 | 111.3 | 26.5 | 26.4 | 100.4 | 100.4 | 10.8 | 11.0 | 98.2 | 110.2 | 38.0 | 34.9 | 108.9 | 103.5 |
| F1 | 7.5 | 7.5 | 100.0 | 121.0 | 26.0 | 25.9 | 100.4 | 98.5 | 10.2 | 10.2 | 100.0 | 104.1 | 37.0 | 36.2 | 102.2 | 100.8 |
| G1 | 6.5 | 6.4 | 101.6 | 104.8 | 26.1 | 26.0 | 100.4 | 98.9 | 10.8 | 10.8 | 100.0 | 110.2 | 32.8 | 32.7 | 100.3 | 89.4 |
| H1 | 4.8 | 3.7 | 129.7 | 77.4 | 27.4 | 27.2 | 100.7 | 103.8 | 9.6 | 9.7 | 99.0 | 98.0 | 37.0 | 31.6 | 117.1 | 100.8 |
| I1 | 3.6 | 4.0 | 90.0 | 58.1 | 27.3 | 27.9 | 97.8 | 103.4 | 9.0 | 9.2 | 97.8 | 91.8 | 37.5 | 37.8 | 99.2 | 102.2 |
| J1 | 6.1 | 6.0 | 101.7 | 98.4 | 26.6 | 26.7 | 99.6 | 100.8 | 9.5 | 10.1 | 94.0 | 96.9 | 38.0 | 38.0 | 100.0 | 103.5 |
| K1 | | | | | | | | | | | | | | | | |
| L1 | 5.6 | 6.0 | 93.3 | 90.3 | 26.0 | 26.3 | 98.8 | 98.5 | 9.1 | 9.0 | 101.1 | 92.8 | 39.2 | 36.5 | 107.4 | 106.8 |
| M1 | 6.0 | 6.0 | 100.0 | 96.8 | 26.3 | 26.3 | 100.0 | 99.6 | 9.7 | 9.7 | 100.0 | 99.0 | 42.4 | 41.5 | 102.2 | 115.5 |
| N1 | 6.0 | 6.2 | 96.8 | 96.8 | 26.2 | 26.1 | 100.4 | 99.2 | 9.8 | 9.5 | 102.1 | 100.0 | 36.9 | 35.7 | 103.4 | 100.5 |
| O1 | 5.4 | 5.8 | 93.1 | 87.1 | 26.5 | 26.7 | 99.2 | 100.4 | 9.3 | 9.3 | 100.0 | 94.9 | 40.2 | 36.3 | 110.7 | 109.5 |
| P1 | | 5.3 | | | 27.6 | | | | 9.8 | | | | 35.0 | | | |
| Q1 | 6.1 | 6.1 | 100.0 | 98.4 | 26.5 | 26.8 | 98.9 | 100.4 | 9.3 | 9.3 | 100.0 | 94.9 | 38.0 | 38.1 | 99.7 | 103.5 |
| R1 | 5.9 | 6.2 | 95.2 | 95.2 | 26.6 | 26.3 | 101.1 | 100.8 | 11.5 | 11.3 | 101.8 | 117.3 | 36.6 | 34.4 | 106.4 | 99.7 |
| S1 | 6.0 | 5.7 | 105.3 | 96.8 | 26.7 | 26.4 | 101.1 | 101.1 | 9.2 | 9.1 | 101.1 | 93.9 | 45.7 | 45.1 | 101.3 | 124.5 |
| T1 | | 6.8 | | | 26.4 | | | | | | | | 37.5 | | | |
| U1 | 6.9 | 7.2 | 95.8 | 111.3 | 26.6 | 26.6 | 100.0 | 100.8 | 9.6 | 10.0 | 96.0 | 98.0 | 37.0 | 36.5 | 101.4 | 100.8 |
| V1 | | | | | | | | | | | | | | | | |
| W1 | 7.3 | 7.0 | 104.3 | 117.7 | 26.9 | 26.2 | 102.7 | 101.9 | 9.9 | 9.2 | 107.6 | 101.0 | 38.2 | 39.0 | 97.9 | 104.1 |
| X1 | 5.4 | 4.2 | 128.6 | 87.1 | 26.2 | 26.2 | 100.0 | 99.2 | 10.0 | 9.4 | 106.4 | 102.0 | 38.6 | 36.9 | 104.6 | 105.2 |
| Y1 | | 6.0 | | | 26.3 | | | | 9.5 | | | | 34.3 | | | |
| Z1 | 6.9 | 6.9 | 100.0 | 111.3 | 26.2 | 26.2 | 100.0 | 99.2 | 9.9 | 9.9 | 100.0 | 101.0 | 42.4 | 41.2 | 102.9 | 115.5 |
| A2 | 5.9 | 5.7 | 103.5 | 95.2 | 26.4 | 26.4 | 100.0 | 100.0 | 9.4 | 9.4 | 100.0 | 95.9 | 37.4 | 36.7 | 101.9 | 101.9 |
| B2 | 4.6 | 3.8 | 121.0 | 74.2 | 26.9 | 26.8 | 100.4 | 101.9 | 9.0 | 9.2 | 97.8 | 91.8 | 36.8 | 31.8 | 115.7 | 100.3 |
| C2 | 6.8 | 6.7 | 101.5 | 109.7 | 25.8 | 26.0 | 99.2 | 97.7 | 10.6 | 10.5 | 100.0 | 108.2 | 35.0 | 36.7 | 95.4 | 95.4 |
| D2 | | 6.1 | | | 26.1 | | | | 9.7 | | | | 33.2 | | | |
| E2 | 6.1 | 6.1 | 100.0 | 98.4 | 26.2 | 26.1 | 100.4 | 99.2 | 9.1 | 9.8 | 92.8 | 92.8 | 39.6 | 40.5 | 97.8 | 107.9 |
| F2 | 6.7 | 6.8 | 98.5 | 108.1 | 26.0 | 25.9 | 100.4 | 98.5 | 10.3 | 10.2 | 101.0 | 105.1 | 42.0 | 41.0 | 102.4 | 114.4 |
| G2 | 7.1 | 7.3 | 97.3 | 114.5 | 26.8 | 26.4 | 101.5 | 101.5 | 11.6 | 10.7 | 108.4 | 118.4 | 36.8 | 39.2 | 93.9 | 100.3 |
| H2 | 6.6 | 7.5 | 88.0 | 106.4 | 26.4 | 26.0 | 101.5 | 100.0 | 10.6 | 10.8 | 98.1 | 108.2 | 38.0 | 34.0 | 111.8 | 103.5 |
| I2 | 5.1 | 5.1 | 100.0 | 82.2 | 26.2 | 26.2 | 100.0 | 99.2 | 11.0 | 10.7 | 102.8 | 112.2 | 38.0 | 38.2 | 99.5 | 103.5 |
| J2 | | 5.4 | | | 26.2 | | | | 8.8 | | | | 35.1 | | | |
| K2 | 6.5 | 7.0 | 92.8 | 104.8 | 26.6 | 26.4 | 100.8 | 100.8 | 9.0 | 9.0 | 100.0 | 91.8 | 40.2 | 37.8 | 106.3 | 109.5 |
| FKI DATA | | | | | | | | | | | | | | | | |
| CUR. | | | | | | | | | | | | | | | | |
| AV. | 6.2 | | | | 26.4 | | | | 9.9 | | | | 38.4 | | | |
| CUM. | | | | | | | | | | | | | | | | |
| AV. | 6.2 | | | | 26.4 | | | | 9.8 | | | | 36.7 | | | |
| IND. | | | | | | | | | | | | | | | | |
| *D | 100.0 | | | | 100.0 | | | | 101.0 | | | | 104.6 | | | |

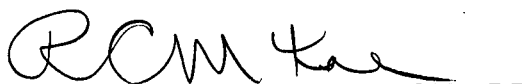
NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE III
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 25 LB. CORRUGATING MEDIUM
APRIL, 1975

| CODE | MOISTURE CONTENT, PERCENT | | | | ADJ. BASIS WT.,*A LB./ M SQ. FT. | | | | CALIPER, PT. | | | | CONCORD TEST, P.S.I. | | | |
|----------|------------------------------|-------------|-------------|------------|-------------------------------------|-------------|-------------|------------|--------------|-------------|-------------|------------|-------------------------|-------------|-------------|------------|
| | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | |
| | CUR. AV. | CUM. AV. | FACT. *B | IND. *C | CUR. AV. | CUM. AV. | FACT. *B | IND. *C | CUR. AV. | CUM. AV. | FACT. *B | IND. *C | CUR. AV. | CUM. AV. | FACT. *B | IND. *C |
| A1 | 5.1 | 5.6 | 91.1 | 82.2 | 26.4 | 26.8 | 98.5 | 100.0 | 9.2 | 9.2 | 100.0 | 92.9 | 39.3 | 36.1 | 138.9 | 106.8 |
| B1 | 5.9 | 6.2 | 95.2 | 95.2 | 27.3 | 27.2 | 100.4 | 103.4 | 9.8 | 9.9 | 99.0 | 99.0 | 37.0 | 37.7 | 98.1 | 100.5 |
| C1 | 9.0 | 9.1 | 98.9 | 145.2 | 25.9 | 25.8 | 100.4 | 98.1 | 11.0 | 11.0 | 100.0 | 111.1 | 40.3 | 40.0 | 100.8 | 109.5 |
| D1 | | 5.4 | | | | 26.5 | | | | 9.1 | | | | 34.5 | | |
| E1 | 6.9 | 7.0 | 98.6 | 111.3 | 26.4 | 26.4 | 100.0 | 100.0 | 10.7 | 10.9 | 98.2 | 108.1 | 37.0 | 35.2 | 105.1 | 100.5 |
| F1 | 7.3 | 7.5 | 97.3 | 117.7 | 26.2 | 26.0 | 100.8 | 99.2 | 10.4 | 10.2 | 102.0 | 105.0 | 37.0 | 36.4 | 101.6 | 100.5 |
| G1 | 6.5 | 6.4 | 101.6 | 104.8 | 26.1 | 26.0 | 100.4 | 98.9 | 10.5 | 10.8 | 97.2 | 106.1 | 35.6 | 32.7 | 108.9 | 96.7 |
| H1 | 3.7 | 3.8 | 97.4 | 59.7 | 27.4 | 27.2 | 100.7 | 103.8 | 9.8 | 9.7 | 101.0 | 99.0 | 37.9 | 31.9 | 118.8 | 103.0 |
| I1 | 3.5 | 3.9 | 89.7 | 56.4 | 27.1 | 27.9 | 97.1 | 102.6 | 9.0 | 9.2 | 97.8 | 90.9 | 38.4 | 37.8 | 101.6 | 104.3 |
| J1 | 6.2 | 6.0 | 103.3 | 100.0 | 26.6 | 26.6 | 100.0 | 100.8 | 10.1 | 10.1 | 100.0 | 102.0 | 36.0 | 37.9 | 95.0 | 97.8 |
| K1 | 5.9 | | | 95.2 | 27.0 | | | 102.3 | 10.1 | | | 102.0 | 39.0 | | | 106.0 |
| L1 | 6.0 | 6.0 | 100.0 | 96.8 | 26.4 | 26.3 | 100.4 | 100.0 | 8.9 | 9.1 | 97.8 | 89.9 | 40.1 | 36.9 | 108.7 | 109.0 |
| M1 | 5.8 | 6.0 | 96.7 | 93.5 | 26.4 | 26.3 | 100.4 | 100.0 | 9.9 | 9.5 | 103.1 | 100.0 | 42.1 | 41.5 | 101.4 | 114.4 |
| N1 | 5.9 | 6.2 | 95.2 | 95.2 | 26.1 | 26.2 | 99.6 | 98.9 | 9.5 | 9.5 | 99.0 | 96.0 | 37.0 | 35.9 | 103.1 | 100.5 |
| O1 | 5.5 | 5.7 | 96.5 | 88.7 | 26.4 | 26.6 | 99.2 | 100.0 | 9.2 | 9.3 | 98.9 | 92.9 | 41.1 | 36.6 | 112.3 | 111.7 |
| P1 | | | | | | | | | | | | | | | | |
| Q1 | 6.1 | 6.1 | 100.0 | 98.4 | 26.4 | 26.8 | 98.5 | 100.0 | 9.3 | 9.3 | 100.0 | 93.9 | 37.7 | 38.0 | 99.2 | 102.4 |
| R1 | 5.8 | 6.2 | 93.5 | 93.5 | 26.9 | 26.3 | 102.3 | 101.9 | 12.0 | 11.3 | 106.2 | 121.2 | 36.3 | 34.8 | 104.3 | 98.6 |
| S1 | 6.3 | 5.5 | 114.5 | 101.6 | 26.5 | 26.5 | 100.0 | 100.4 | 9.3 | 9.1 | 102.2 | 93.9 | 48.2 | 44.9 | 107.3 | 131.0 |
| T1 | | 6.8 | | | | 26.4 | | | | | | | | 37.5 | | |
| U1 | 6.9 | 7.2 | 95.8 | 111.3 | 26.5 | 26.6 | 99.6 | 100.4 | 9.9 | 9.9 | 100.0 | 100.0 | 38.0 | 36.5 | 104.1 | 103.3 |
| V1 | 5.5 | | | 88.7 | 26.8 | | | 101.5 | 10.2 | | | 103.0 | 37.8 | | | 102.7 |
| W1 | 7.2 | 7.1 | 101.4 | 116.1 | 27.1 | 26.2 | 103.4 | 102.6 | 10.3 | 9.2 | 112.0 | 104.0 | 37.9 | 38.9 | 97.4 | 103.0 |
| X1 | 5.4 | 4.3 | 125.6 | 87.1 | 26.2 | 26.2 | 100.0 | 99.2 | 10.1 | 9.4 | 107.4 | 102.0 | 38.9 | 37.1 | 104.8 | 105.7 |
| Y1 | | 6.0 | | | | 26.3 | | | | 9.6 | | | | 34.2 | | |
| Z1 | 6.9 | 6.9 | 100.0 | 111.3 | 26.2 | 26.2 | 100.0 | 99.2 | 9.9 | 9.9 | 100.0 | 100.0 | 43.2 | 41.4 | 104.3 | 117.4 |
| A2 | 5.8 | 5.8 | 100.0 | 93.5 | 26.5 | 26.4 | 100.4 | 100.4 | 9.1 | 9.4 | 96.8 | 91.9 | 38.4 | 36.7 | 104.6 | 104.3 |
| B2 | 3.9 | 3.8 | 102.6 | 62.9 | 27.0 | 26.8 | 100.7 | 102.3 | 9.3 | 9.2 | 101.1 | 93.9 | 37.6 | 32.0 | 117.5 | 102.2 |
| C2 | | 6.8 | | | | 26.0 | | | | 10.5 | | | | 36.3 | | |
| D2 | | 6.1 | | | | 26.1 | | | | 9.7 | | | | 33.1 | | |
| E2 | 5.5 | 6.1 | 90.2 | 88.7 | 26.1 | 26.1 | 100.0 | 98.9 | 9.0 | 9.8 | 91.8 | 90.9 | 39.6 | 40.3 | 98.3 | 107.6 |
| F2 | 6.8 | 6.7 | 101.5 | 109.7 | 26.1 | 25.9 | 100.9 | 98.9 | 10.2 | 10.2 | 100.0 | 103.0 | 42.0 | 41.1 | 102.2 | 114.1 |
| G2 | 7.4 | 7.3 | 101.4 | 119.4 | 26.4 | 26.4 | 100.0 | 100.0 | 11.6 | 10.8 | 107.4 | 117.2 | 37.1 | 39.0 | 95.1 | 100.8 |
| H2 | 6.3 | 7.4 | 85.1 | 101.6 | 26.5 | 26.0 | 101.9 | 100.4 | 10.8 | 10.7 | 100.9 | 109.1 | 37.0 | 34.5 | 107.2 | 100.5 |
| I2 | 5.0 | 5.1 | 98.0 | 80.6 | 26.2 | 26.2 | 100.0 | 99.2 | 10.5 | 10.8 | 97.2 | 106.1 | 38.9 | 38.1 | 102.1 | 105.7 |
| J2 | | 5.4 | | | | 26.2 | | | | 8.8 | | | | 35.1 | | |
| K2 | | 6.9 | | | | 26.4 | | | | 9.0 | | | | 38.0 | | |
| FKI DATA | | | | | | | | | | | | | | | | |
| CUR. | | | | | | | | | | | | | | | | |
| AV. | 6.0 | | | | 26.5 | | | | 10.0 | | | | 38.8 | | | |
| CUM. | | | | | | | | | | | | | | | | |
| AV. | 6.2 | | | | 26.4 | | | | 9.9 | | | | 36.8 | | | |
| IND. | | | | | | | | | | | | | | | | |
| *D | 96.8 | | | | 100.4 | | | | 101.0 | | | | 105.4 | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

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A handwritten signature in cursive script, appearing to read "RCM Kee", written over a horizontal line.

R. C. McKee
Chairman
Container Section

APPENDIX

NOTES A, B, C, AND D, USED IN TABULATIONS OF MILL DATA

Notes A, B, C, and D, used in the tables of mill data are given below; these notes define the procedure used in calculating adjusted basis weight, machine factor, machine index, and F.K.I. index. It should be stressed that each formula is applicable only to a specific physical property of a specific grade weight of linerboard.

Note A: Adjusted basis weight (ABW) = reported weight (RBW) adjusted to moisture content of 7.8%:

$$ABW = RBW \left[\frac{(100 - \text{reported moisture content, \%})}{(100 - 7.8)} \right]$$

Note B: Machine factor (%) = $\left[\frac{\text{Current machine average}}{\text{Cumulative machine average}} \right] \cdot 100$ where

$$\text{Cumulative machine average} = \sum \frac{\text{CMA's}^a \text{ for previous 12 months excluding CMA for current month}}{12}$$

Note C: Machine index (%) = $\left[\frac{\text{Current machine average}}{\text{Cumulative F.K.I. average}} \right] \cdot 100$ where

$$\text{Cumulative F.K.I. average} = \sum \frac{\text{CFKIA's}^b \text{ for previous 12 months excluding CFKIA for current month}}{12}$$

Note D: F.K.I. index (%) = $\left[\frac{\text{Current F.K.I. average}}{\text{Cumulative F.K.I. average}} \right] \cdot 100$ where

$$\text{Current F.K.I. average} = \sum \frac{\text{CMA's}^a \text{ for current month for all machines}}{\text{Number of machines}}$$

^aCMA = current machine average for a specific physical property of 26-lb corrugating medium obtained during a given month on a specific machine.

^bCFKIA = current F.K.I. average for a specific physical property of 26-lb corrugating medium obtained during a given month.

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