



INTERNAL CORRESPONDENCE

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AUG 26 1974

R. N. WHEELER, JR.

SOUTH CHARLESTON PLANT P. O. BOX 8004, SOUTH CHARLESTON, W. VA. 25303

CHEMICALS AND PLASTICS

To (Name) Mr. J. H. Brubaker, 511
Division Mr. G. L. Baker, 511
Location

Date August 23, 1974

Originating Dept.

Answering letter date

Copy to

Mr. C. Bayard
Mr. L. M. Bowne
Mr. J. L. Carvajal
Mr. J. E. Giffin
Mr. K. B. Hamrick
Mr. R. T. Kramer
Mr. R. N. Wheeler, Jr.

Subject Microcomputer
Data Reduction Requirements

FILE COPY
DO NOT

Attached are the proposed requirements we need as a permanent record for VCM exposure. I suggest these be resolved as a common requirement for the 078, 083, and 085 Departments.

JJSCHARF

J. J. Scharf

JJS/ra

Attachment

UCC
023530

DYNEL RESIN - BUILDING 209
PERMANENT RECORD PRINTOUT REQUIREMENTS
VINYL CHLORIDE MODEL 1200 ANALYZER

1. Daily average of each of points 1-19.
2. MTD average of each of points 1-19.
3. YTD average of each of points 1-19.
4. Daily number of peaks above maximum allowable ppm for each of points 1-19.
- * 5. Daily Values of each peak above maximum allowable ppm for each of points 1-19.
- * 6. -
7. Items 1 thru 4 for all 19 points combined, either on a straight average basis or a weighted average of points 1-19.
- * 8. Items 1 thru 3, for all 19 points combined by shift (A, B, C, D.).
- * 9. Items 1 thru 3, by job (weighted average of selected points) and by shift.
- *10. -
- *11. Number of samples involved in Items 1, 2, 3.
- *12. Standard deviation of analyses in Items 1, 2, 3, 7, 8, 9.
- *13. -
14. No loss of memory with power failure - auxiliary power source.
- *15. Highest reading for each point, by shift.
- *16. YTD average exposure of each operator.

*Differs from same numbered item in Claude Bayard's listing of July 5.

JJS/ra

J. J. Scharf
078 Department Head

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023531



INTERNAL CORRESPONDENCE

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JUL 08 1974

R. N. WHEELER, JR.

SOUTH CHARLESTON PLANT P. O. BOX 8004, SOUTH CHARLESTON, W. VA. 25303

CHEMICALS AND PLASTICS

To (Name) Mr. J. H. Brubaker
 Division Mr. G. L. Baker
 Location LOCATION 511

Date July 5, 1974

Originating Dept.

Answering letter date

Copy to Mr. H. D. Barnes
 Mr. J. L. Carvajal
 Mr. M. E. Eisenhour, 515
 Mr. J. E. Giffin
 Mr. G. F. Hurley, 511
 Mr. R. N. Wheeler, Jr.
 085 Staff (1)
 085 Operations Foremen (1)

Subject VCI Chromatograph
(CMVII VFA - Model 1200)
Computer Data

The Dispersion Vinyl Resins Unit staff has found the twenty-point chromatograph to be a key instrument in its campaign of VCI exposure control.

The chromatograph analyses can be organized and manipulated to give the VCI concentration for different parameters on a daily basis, a month-to-date basis and a year-to-date basis.

The chromatograph takes 720 samples daily. The long manual and manpower-consuming calculations required to compute the chromatograph results limit our ability of using this instrument efficiently. In order to take full advantage of the chromatograph and in order to obtain the various data needed by the 08500 Department, a computer system is absolutely necessary.

On the next page is a list of the data needed by the 08500 Department.

For further information or clarification, please contact me at Extension 2821.

Sincerely,

Claude Bayard
 Safety Coordinator

CB/ra

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 023532

DISPERSION VINYL RESINS
CHROMATOGRAPH COMPUTER DATA BANK REQUIRED

- * 1. Daily average of each of the 19 points (Point #20 is a test point).
- * 2. Month-to-date average of each of the 19 points.
- * 3. Year-to-date average of each of the 19 points.
- * 4. Daily number of peaks above 50 ppm for each of the 19 points.
- * 5. Month-to-date daily average of peaks above 50 ppm for each of the 19 points.
- * 6. Year-to-date daily average of peaks above 50 ppm for each of the 19 points.
- * 7. All the above (1→6) for all 19 points combined. (?) DAILY
- I { 8. All the above (1→7) per shift (A, B, C, D). }
2NW 9. All the above (1→8) per job, except Item 7. }
10. Graphs on all above data (1→9); (bar graph). (?)
- ~~11. Number of samples involved in computing the above averages (1→9).~~
- ~~12. Standard deviation analysis of the above (1→3).~~
- 13. Alarm system to identify points above 50 ppm (Tape System).
- 14. Computer to be able to hold memory in case of power loss.

*Data presently calculated manually.

C. Bayard/ra

July 5, 1974

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