

CMS REPORT NO. 055  
PROGRAM CMS8CM65

EMPLOYEE ENVIRONMENTAL EXPOSURE PROFILE

REPORT DATE 02/20/90  
PAGE 149

PLANT: 1400 HENRY CHEM PLT 309-364-2311  
EMPLOYEE: -

DEPARTMENT: 5536 PVC SUSPENSION

YEAR: 1989

| JOB CODE                                                 | JOB NAME EXP                         | STD     |       |       |      |       |         |          |       |        |        |       |                         |  |
|----------------------------------------------------------|--------------------------------------|---------|-------|-------|------|-------|---------|----------|-------|--------|--------|-------|-------------------------|--|
| EXPOSURE CDE                                             | NAME                                 | LVL     | RANGE | AVG   | DEV  | UNITS | SAMPLES | DATE     | SHIFT | LENGTH | TWA    | VALID | PROTECTION              |  |
| 1400JT3604 JOB AS TASK OF PVC PROD.OPER.- DRYER OPERATOR |                                      |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| B0001                                                    | NOISE, 80/90-5                       |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| 89                                                       | AVG EXPOSURE:                        | 033-123 |       | 73.96 | 45.6 | PCNT  | 3       |          |       |        |        |       |                         |  |
|                                                          | INDIVIDUAL MONITORING:               |         |       |       |      | PCNT  |         | 10/18/89 | C     | 600    | 123.36 | 0     | HEARING MUFFS           |  |
| 00064                                                    | POLYVINYL CHLORIDE DUST TOTAL        |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| 89                                                       | AVG EXPOSURE:                        | 000-000 |       | 0.79  | 0.0  | MG/M3 | 2       |          |       |        |        |       |                         |  |
| 00148                                                    | VINYL CHLORIDE 1910.1017             |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| 89                                                       | AVG EXPOSURE:                        | 000-003 |       | 0.49  | 0.5  | PPM   | 37      |          |       |        |        |       |                         |  |
|                                                          | INDIVIDUAL MONITORING:               |         |       |       |      | PPM   |         | 01/11/89 | C     | 600    | 0.52   | 0     | 1/2 MASK - AIR SUPPLIED |  |
|                                                          | INDIVIDUAL MONITORING:               |         |       |       |      | PPM   |         | 05/03/89 | C     | 600    | 0.46   | 0     | 1/2 MASK - AIR SUPPLIED |  |
|                                                          | INDIVIDUAL MONITORING:               |         |       |       |      | PPM   |         | 07/26/89 | C     | 600    | 0.80   | 0     | NONE WORN               |  |
|                                                          | INDIVIDUAL MONITORING:               |         |       |       |      | PPM   |         | 10/17/89 | C     | 600    | 0.49   | 0     | 1/2 MASK - AIR SUPPLIED |  |
| 1400553603 PVC PRODUCTION OPERATOR                       |                                      |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| B0001                                                    | NOISE, 80/90-5                       |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| 89                                                       | AVG EXPOSURE:                        | 030-123 |       | 62.40 | 35.6 | PCNT  | 6       |          |       |        |        |       |                         |  |
| 00064                                                    | POLYVINYL CHLORIDE DUST TOTAL        |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| 89                                                       | AVG EXPOSURE:                        | 000-000 |       | 0.82  | 0.0  | MG/M3 | 1       |          |       |        |        |       |                         |  |
| 00148                                                    | VINYL CHLORIDE 1910.1017             |         |       |       |      |       |         |          |       |        |        |       |                         |  |
| 89                                                       | AVG EXPOSURE:                        | 000-030 |       | 1.75  | 3.6  | PPM   | 122     |          |       |        |        |       |                         |  |
| 99917                                                    | TRAINING - OSHA HAZARD COMMUNICATION |         |       |       |      |       |         |          |       |        |        |       |                         |  |
|                                                          | INDIVIDUAL MONITORING:               |         |       |       |      |       |         | 09/14/89 | C     | 60     | 0.00   | 0     | NONE WORN               |  |
| 99919                                                    | TRAINING - HEARING CONSERVATION      |         |       |       |      |       |         |          |       |        |        |       |                         |  |

NGC 07875

CMS REPORT NO. 055  
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EMPLOYEE ENVIRONMENTAL EXPOSURE PROFILE

REPORT DATE 05/11/89  
PAGE 97

PLANT: 1400 HENRY CHEM PLT 309-364-2311  
EMPLOYEE:

DEPARTMENT: 5536 PVC SUSPENSION

YEAR: 1988

| JOB CODE                                                 | JOB NAME                      | EXP     |       |        | STD  |       |         |          |       |        |       |       |                         |  |
|----------------------------------------------------------|-------------------------------|---------|-------|--------|------|-------|---------|----------|-------|--------|-------|-------|-------------------------|--|
| EXPOSURE CDE                                             | NAME                          | LVL     | RANGE | AVG    | DEV  | UNITS | SAMPLES | DATE     | SHIFT | LENGTH | TWA   | VALID | PROTECTION              |  |
| 1400JT3604 JOB AS TASK OF PVC PROD.OPER.- DRYER OPERATOR |                               |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| B0001                                                    | NOISE, 80/90-5                |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| 88                                                       | AVG EXPOSURE:                 | 013-289 |       | 114.58 | 74.2 | PCNT  | 10      |          |       |        |       |       |                         |  |
|                                                          | INDIVIDUAL MONITORING:        |         |       |        |      | PCNT  |         | 05/31/88 | C     | 600    | 89.28 | 0     | HEARING MUFFS           |  |
| 00064                                                    | POLYVINYL CHLORIDE DUST TOTAL |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| 88                                                       | AVG EXPOSURE:                 | 000-001 |       | 1.31   | 0.8  | MG/M3 | 3       |          |       |        |       |       |                         |  |
|                                                          | INDIVIDUAL MONITORING:        |         |       |        |      | MG/M3 |         | 11/15/88 | C     | 600    | 1.98  | 0     | NONE WORN               |  |
| 00148                                                    | VINYL CHLORIDE 1910.1017      |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| 88                                                       | AVG EXPOSURE:                 | 000-003 |       | 0.74   | 0.8  | PPM   | 48      |          |       |        |       |       |                         |  |
|                                                          | INDIVIDUAL MONITORING:        |         |       |        |      | PPM   |         | 06/02/88 | C     | 600    | 0.28  | 0     | 1/2 MASK - AIR SUPPLIED |  |
|                                                          | INDIVIDUAL MONITORING:        |         |       |        |      | PPM   |         | 10/17/88 | C     | 600    | 0.58  | 0     | NONE WORN               |  |
| 1400553603 PVC PRODUCTION OPERATOR                       |                               |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| B0001                                                    | NOISE, 80/90-5                |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| 88                                                       | AVG EXPOSURE:                 | 001-148 |       | 61.99  | 36.9 | PCNT  | 23      |          |       |        |       |       |                         |  |
| 00064                                                    | POLYVINYL CHLORIDE DUST TOTAL |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| 88                                                       | AVG EXPOSURE:                 | 000-001 |       | 1.31   | 0.8  | MG/M3 | 3       |          |       |        |       |       |                         |  |
| 00148                                                    | VINYL CHLORIDE 1910.1017      |         |       |        |      |       |         |          |       |        |       |       |                         |  |
| 88                                                       | AVG EXPOSURE:                 | 000-038 |       | 1.27   | 3.7  | PPM   | 126     |          |       |        |       |       |                         |  |

NGC 07876

R960460 - P.F.G. PERSONNEL MONITOR - PERSONAL DATA  
 01/01/87 TO 12/31/87 DATE 02/25/88 TIME 083727 PAGE 1

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE   | E/T | PPM | PUMP | PDS   | BRK | TH | RESP | HEAR |
|------------|------|------|-----|-------|--------|-----|-----|------|-------|-----|----|------|------|
| HENRY      | 732  | 000  | 012 | C     | 022787 | 600 | .10 | < 0  | LIMIT | NO  |    | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 031087 | 600 | .05 | < 0  | LIMIT | NO  |    | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 092287 | 600 | .12 | < 0  | LIMIT |     |    | 0    |      |

R GD CHEMICAL 0064 MALE

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE   | E/T | VALUE | PUMP | PDS | BRK | TH | RESP | HEAR |
|------------|------|------|-----|-------|--------|-----|-------|------|-----|-----|----|------|------|
| HENRY      | 732  | 000  | 012 | C     | 102087 | 360 | .28   |      |     |     |    | 0    |      |

NGC 07877

948660 - C.F.C. PERSONNEL REPORT - PERSONAL DATA  
 01/01/86 TO 12/31/86 DATE 03/09/87 TIME 093257 PAGE 1

|               |      | GD   | CHEMICAL | N1    | MALE   |     |        |      |      |     |    |      |      |
|---------------|------|------|----------|-------|--------|-----|--------|------|------|-----|----|------|------|
| LAST NAME.... | AREA | TASK | JOB      | SHIFT | DATE.. | E/T | ...PPM | PUMP | PCS  | BRK | IF | RESP | FEAR |
| ERRY          | 732  | 000  | C12      | C     | 010386 | 600 | .25    | < D  | LIMT | NO  |    | C    |      |
| ERRY          | 732  | 000  | C12      | C     | 013186 | 600 | 8.99   |      |      | NE  |    | 2    |      |
| ERRY          | 732  | 000  | C12      | C     | 052286 | 600 | 1.69   |      |      | NE  |    | 0    |      |
| ERRY          | 732  | 000  | C12      | C     | 071886 | 600 | .47    |      |      |     |    | 0    |      |
| ERRY          | 732  | 000  | C12      | C     | 073186 | 600 | .25    | < D  | LIMT | NE  |    | C    |      |

|               |      | GD   | SOUND | N80   | MALE   |     |        |         |  |  |      |
|---------------|------|------|-------|-------|--------|-----|--------|---------|--|--|------|
| LAST NAME.... | AREA | TASK | JOB   | SHIFT | DATE.. | I/T | VALUE  | > 1150F |  |  | FEAR |
| ERRY          | 732  | 000  | C12   | C     | 022886 | 600 | 122.76 | YES     |  |  | 1    |

NGC 07878

2968460 - B.F.G. PERSONNEL MONITOR - PERSONAL DATA

01/01/85 TO 12/31/85 DATE 05/01/86 TIME 092054 PAGE 1

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE   | GD | CHEMICAL | M1    | PUMP | PDS | BRK | TH | RESP | HEAR |
|------------|------|------|-----|-------|--------|----|----------|-------|------|-----|-----|----|------|------|
| HENRY      | 732  | 000  | 012 | C     | 070285 |    | E/T      | ..PPM |      |     | NO  |    | 2    |      |
| HENRY      | 732  | 000  | 012 | C     | 082685 |    |          |       | 1.42 |     | NE  |    | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 092485 |    |          |       | .26  |     |     |    | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 111985 |    |          |       | 1.82 |     | NO  |    | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 120685 |    |          |       | .38  |     | NO  |    | 0    |      |
| HENRY      | 732  | 000  | 012 | C     |        |    |          |       | .00  |     | NO  |    | 0    |      |

NGC 07879

992487 - P.F.G. PERSONNEL MONITOR - PERSONAL DATA  
01/01/84 TO 12/31/84 DATE 02/01/85 TIME 192103 PAGE 1

GD CHEMICAL M1 MALE

| LAST NAME..... | AREA | TASK | JOB | SHIFT | DATE.. | E/T | ...PPM | PUMP | PDS   | GRK | TH | RESP | PEAK |
|----------------|------|------|-----|-------|--------|-----|--------|------|-------|-----|----|------|------|
| LEWY           | 732  | 000  | 012 | C     | 092884 | 600 | .20    | < D  | LIMIT | NR  |    | 0    |      |

NGC 07880

0965467 - P.F.G. PERSONNEL MONITOR - PERSONAL DATA  
 01/01/83 TO 12/31/83 DATE 02/17/84 TIME 102643 PAGE 1

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE.. | E/T | ...PPM | PUMP | POS | PRK TH | RESP | HEAR |
|------------|------|------|-----|-------|--------|-----|--------|------|-----|--------|------|------|
| HENRY      | 722  | 000  | 012 | C     | 092583 | 360 | .16    |      |     | >20%   | U    |      |

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE.. | E/T | VALUE | > | 11508 | HEAR |
|------------|------|------|-----|-------|--------|-----|-------|---|-------|------|
| HENRY      | 731  | 000  | 012 | C     | 042783 | 360 | 75.00 |   |       | 1    |

NGC 07881

|                |      | GD   | CHEMICAL | M1    | MALE   |     |        |          |          |
|----------------|------|------|----------|-------|--------|-----|--------|----------|----------|
| PLANT NAME.... | AREA | TASK | JOB      | SHIFT | DATE.. | E/T | ...PPM | PUMP POS | BRK TH R |
| HENRY          | 732  | 000  | 012      | C     | 011182 | 360 | 2.61   | OUT MASK | NO       |
| HENRY          | 732  | 000  | 012      | C     | 021082 | 360 | .05    | OUT MASK | NO       |
| HENRY          | 732  | 000  | 012      | C     | 031282 | 360 | .10    | OUT MASK | NO       |
| HENRY          | 732  | 000  | 012      | C     | 040782 | 360 | .50    | OUT MASK | NO       |
| HENRY          | 732  | 000  | 012      | C     | 051282 | 360 | .00    | OUT MASK | NO       |
| HENRY          | 732  | 000  | 012      | C     | 111482 | 360 | .24    | OUT MASK | NO       |

|                |      | GD   | SOUND | N80   | MALE   |     |       |         |
|----------------|------|------|-------|-------|--------|-----|-------|---------|
| PLANT NAME.... | AREA | TASK | JOB   | SHIFT | DATE.. | E/T | VALUE | > 115DB |
| HENRY          | 732  | 000  | 012   | C     | 010582 | 360 | 83.00 |         |

R96846D - B.F.G. PERSONNEL MONITOR - PERSONAL DATA  
 01/01/81 TO 12/31/81 DATE 01/10/86 TIME 105352 PAGE 1

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE   | E/T | PPM | PUMP POS | BRK TH | RESP | HEAR |
|------------|------|------|-----|-------|--------|-----|-----|----------|--------|------|------|
| HENRY      | 732  | 000  | 012 | C     | 090281 | 600 | .01 | OUT MASK | NO     | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 101081 | 600 | .00 | OUT MASK | NO     | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 110381 | 360 | .20 | OUT MASK | NO     | 0    |      |
| HENRY      | 732  | 000  | 012 | C     | 120581 | 360 | .27 | OUT MASK | NO     | 0    |      |

NGC 07883

096H460 - PLEGL PERSONNEL MONITOR - PERSONAL DATA  
01/01/80 TO 12/31/80 DATE 02/17/91 TIME 141721 PAGE 1

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE   | E/T | PPM  | PUMP | POS  | BER  | TH | RESP |
|------------|------|------|-----|-------|--------|-----|------|------|------|------|----|------|
| HENRY      | 732  | 000  | 013 | 0     | 100980 | 360 | 1.05 | OUT  | MASK | >20% | 0  |      |

NGC 07884

P968460 - P.F.G. PERSONNEL MONITOR - PERSONAL DATA  
 01/01/80 TO 12/31/80 DATE 02/17/81 TIME 141721 PAGE 1

| PLANT NAME | AREA | TASK | JOB | SHIFT | DATE   | F/T | PPM | PUMP | POS  | BRK TH | RESP |
|------------|------|------|-----|-------|--------|-----|-----|------|------|--------|------|
| HENRY      | 731  | 000  | 009 | A     | 121580 | 360 | .89 | OUT  | MASK | >20%   | 0    |
| HENRY      | 732  | 000  | 012 | C     | 111780 | 360 | .16 | OUT  | MASK | NO     | 0    |

NGC 07885

DISTRIBUTION ATTENTION M.I.S. DEPARTMENT

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VEH MONITORING - PERSONAL RECORD

DATE 01/15/76

FROM 01/01/75 TO 12/31/75

| NAME  | SPL  | PERIOD | AREA | TASK | JOB | SHIFT  | DATE | EXPO.TIME | PM-VCM | R |
|-------|------|--------|------|------|-----|--------|------|-----------|--------|---|
| HENRY | LONG | 741    | 000  | 024  | A   | 072275 | 360  | 0.01      | 0      |   |
| HENRY | LONG | 732    | 000  | 016  | A   | 082175 | 360  | 0.02      | 0      |   |
| HENRY | LONG | 741    | 000  | 024  | A   | 092775 | 360  | 0.00      | 0      |   |
| HENRY | LONG | 741    | 000  | 024  | A   | 102675 | 360  | 0.05      | 0      |   |

NGC 07886