

**ANNUAL REPORT**  
**SAFETY DEPARTMENT**

**1960**

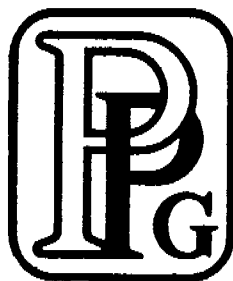


**PITTSBURGH PLATE GLASS COMPANY**

SL 104125

ANNUAL REPORT

1960



SAFETY DEPARTMENT - PITTSBURGH, PENNSYLVANIA

FEBRUARY, 1961

SL 104126

THIS REPORT COVERS THE FOLLOWING:

PITTSBURGH PLATE GLASS COMPANY PLANTS - UNITED STATES

COLUMBIA-SOUTHERN CHEMICAL CORPORATION PLANTS

PITTSBURGH-CORNING CORPORATION PLANTS

FIFTY-ONE INDUSTRIAL UNITS ARE INCLUDED IN THIS REPORT AND THEIR RECORDS ARE FOR THE FULL CALENDAR YEAR WITH THE EXCEPTION OF THE BARRELED SUNLIGHT PLANT AT PROVIDENCE, RHODE ISLAND, WHICH CLOSED IN SEPTEMBER 1960.

YEARLY RECORD

FREQUENCY RATE - 4.7  
(Number of disabling injuries per million hours exposure)

SEVERITY RATE - 484  
(Number of days lost per million hours exposure)

COMPARISON OF COMPANY RECORD FOR THE YEAR 1960 WITH 1959:

2% DECREASE IN HOURS WORKED

6% DECREASE IN FREQUENCY RATE OF INJURIES

38% INCREASE IN SEVERITY RATE

THE INTEREST, COOPERATION AND EFFORTS OF ALL UNITS OF THE COMPANY ARE HEREBY ACKNOWLEDGED.

SL 104127

## FREQUENCY

Based on the formula of 
$$\frac{\text{Number of Disabling Injuries} \times 1,000,000}{\text{Manhours Worked}}$$

The Company frequency of 4.7 was 6 percent under the previous year, for the second consecutive time.

All divisions except Paint and Coal showed decreases for 1960 compared with 1959. Paint increased 77 percent and Coal increased 29 percent.

## COMPANY AWARDS

### HONOR

Nine industrial units completed 1960 without a disabling injury. Two less than 1959 and three less than 1958. However, our congratulations go out to the nine honor plants and their "Certificates of Honor" will be forwarded.

Portland Paint Plant - Eighth Consecutive Year  
Ditzler Color Division - Third Consecutive Year  
Creighton Coalworks - Second Consecutive Year  
Red Wing Linseed Oil Plant - Second Consecutive Year  
Works No. 2, Ford City - Year 1960  
Works No. 19, Kokomo - Year 1960  
Bartlett Plant - Year 1960  
Beauharnois Plant - Year 1960  
Zanesville Cement Plant - Year 1960

### MERIT

Twenty plants had disabling injury frequencies under the Company rate of 4.7. That is one more unit than in 1959. The Company's "Certificates of Merit" are being sent to the following:

|                           |                                 |
|---------------------------|---------------------------------|
| Works No. 1, Creighton    | Barberton Plant                 |
| Works No. 3, Creighton    | Corpus Christi Plant            |
| Works No. 4, Ford City    | Forbes Finishes Division        |
| Works No. 7, Cumberland   | Houston Paint Plant             |
| Works No. 9, Crystal City | Jersey City Plant               |
| Works No. 25, Greensburg  | Lake Charles Plant              |
| Works No. 26, Crestline   | Milwaukee Paint Plant           |
| Works No. 50, Shelbyville | Natrium Plant                   |
| Port Allegany             | Paint and Brush Research Center |
| Barberton Limestone Mine  | Baltimore Brush Plant           |

This is the third consecutive year the list has increased. May the number continue to grow.

## SEVERITY

Based on the formula of 
$$\frac{\text{Days Lost} \times 1,000,000}{\text{Manhours Worked}}$$

Severity was not good in 1960. The rate of 484 is an increase of 38 percent over 1959. Glass was the only division that increased its severity over 1959

and was directly responsible for the Company increase. All the other divisions improved in severity over the previous year's rates.

Eight injuries, three less than 1959, resulted in a fatal, a permanent total case and six permanent partial injuries. A permanent total at Works No. 6 and the fatal case at the Research project at Cumberland accounted for 6,000 days each. The six permanent partial cases included an eye, three finger and two toe cases, and accounted for 2,525 days of the 14,525 day total. The days were charged according to the time charges listed in the American Standards Association Code Z16.1

#### ANALYSES

The 219 disabling cases in 1960 followed much the same pattern as 1959 except "Objects" heads the list with 26 percent of the injuries instead of "Sprains and Strains", which had 20 percent for second place. Falls jumped from fifth place in 1959 to third in 1960. Glass injuries remained in fourth place but with a lower percentage at thirteen.

There is much work still to be done to educate employees that back pain is not necessarily a back injury. Too, better work planning and proper climbing equipment would make inroads on the first place "Objects" and the third place "Falls", respectively.

The "Age Group" reveals some interesting comparisons. For the second year, we have shown the number of employees in each age bracket compared with their injuries. It suggests that men in the 31 to 60 years of age group warrant close supervision in the detection of unsafe acts and "short cut" work habits.

The "Length of Service" chart fully supports the above. It also emphasizes that the period of service from six to thirty years rolled up 57 percent of our injuries. Are we being complacent and taking for granted that the worker who is older in service is safe? That would appear to be the case.

We must never forget to train and orient the new worker, but closer observation of the established worker is essential, too.

#### PHYSICAL FITNESS PROGRAM

The Welfare Board's Physical Fitness Policy is being followed to good advantage in most plants. A survey of the manner in which the plants have conformed since the policy was announced in 1954 has been conducted in 1960 for the Welfare Board. More will be heard about it later when the results are summarized.

Employees exposed to hazardous dusts have been protected and not one new silicosis or asbestosis case has been reported. The McIntyre Research aluminum oxide treatment for silicotics is still being used for a few cases at Works No. 1 and No. 4. Those exposed to toxic dust are x-rayed at least annually. We are still retaining Dr. Carey P. McCord, a nationally known expert in industrial hygiene, as a consultant.

Physical examinations of all employees exposed to toxic chemicals in the Paint and Chemical plants are being faithfully carried out. However, plants

must always be alert to the toxic properties of new chemicals and take precautionary measures to protect the employees exposed.

#### INDUSTRIAL HYGIENE

Our membership in the Industrial Hygiene Foundation of Mellon Institute continues to be a great help. In addition to the literature we receive, the annual meeting is most informative. We are constantly seeking their advice by mail and telephone and, in addition, have used their Industrial Hygiene services at Works No. 10, Works No. 14 and Works No. 1 in 1960. Studies of that kind tell us where improvement is necessary and provide records to refute unfair claims. One of their surveys uncovered large quantities of sulphur dioxide gas which was rusting roof beams and possibly attacking valuable control equipment in an instrument room. The condition was corrected.

#### FIRE PREVENTION

Preliminary reports from the Insurance Department indicate there were no costly major fires in the plants in 1960. Our locations are all vulnerable to a degree and we must be ever vigilant. Welding and electrical fires lead in the nation and we would do well to control them.

Checking plant fire protection equipment is a continuing necessity. Fire brigade drills and fire and housekeeping inspections continue in nearly all plants. Plant managements are very alert in encouraging these activities.

#### DISASTER CONTROL PROGRAMS

More plants having such programs are being added to the list. We now have three plants which are members of their local industrial Mutual Aid programs. Glass and paint plants are now favorably viewing such programs. The Chemical Division leads the Company in the highest percentage of its plants with Disaster Control programs.

#### SAFE DRIVING PROGRAM

We are very pleased to report that our vehicle accident experience in 1960 was quite under the expectations of our insurance carrier. Our bulk monthly mailing of 5,000 safe driving pamphlets continues. Recently, our insurance carrier has offered safety engineering service through field engineers, in person, to all plant and warehouse locations. Early reports indicate a large number of our units is accepting this service and we expect a better vehicle accident experience in 1961.

#### SAFETY FILMS AND SAFETYGRAPHS

This service continues to be popular. Our library is up to date and our catalog is free for the asking. Feel free to consult us for suitable films at any time. When the films are available, they will be promptly mailed to you. Remember to ask for an alternate title and we will appreciate the prompt return of films in order to satisfy other requests.

## SAFETY TRAINING

Nineteen plants have now used our "Developing Safety Expertness" program among their supervisors. For the most part, they have used it to good advantage. Most of the Chemical Division plants have had it and we have reason to believe the program has had some effect on the reduced frequency and severity in this division during 1960. The program is available to any plant of the Company.

Another program is now ready, called "The Key to Safety". The program is of an hour duration and is designed for developing individual responsibility among the hourly workers. Write in for samples of the script and the mirror device which goes with the program. The visual aids can be furnished at very low cost.

## THE GOALS FOR 1961

Although we made gains in frequency in 1960, we are not proud of our severity and not satisfied with either. Nine fewer disabling injuries in 1960 would have met our all time low year in frequency, and twelve fewer would have established a new Company record. The coming year offers a real challenge to excel our best year in frequency. Coupled with such a record should be a comparable reduction in severity and having no fatalities in 1961 will do that.

Our plant audits for safety and plant protection will continue at the accelerated 1960 pace. Where the record warrants more attention or at your request, the visits will be increased. Every plant location may have our services at any time and we invite your inquiries.

The cooperation for safety by our many locations has been gratifying. Safety effort, at any level, is heartwarming and a self-satisfying endeavor. Keep in mind that such efforts have economic rewards, also.

We appeal to you for continued cooperation and invite your requests for our services.

Yours,

  
Clyde C. Ruddick, Manager  
Safety and Plant Protection

CCR:cm

Attachments

SL 104131

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Y E A R - 1 9 6 0

FREQUENCY

|                      | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> |             | <u>FREQUENCY</u> |             | <u>FREQUENCY COMPARISON</u> |
|----------------------|-----------------|---------------------------|-------------|------------------|-------------|-----------------------------|
|                      |                 | <u>1959</u>               | <u>1960</u> | <u>1959</u>      | <u>1960</u> |                             |
| <u>P. P. G. CO.</u>  | 46,554,718      | 238                       | 219         | 5.0              | 4.7         | 6% Decrease                 |
| General Office       | 2,125,070       | -                         | 1           | -                | .5          | 100% Increase               |
| Pgh.-Corning Corp.   | 1,600,632       | 6                         | 4           | 3.9              | 2.5         | 36% Decrease                |
| Col.-So. (Chem.)     | 10,948,424      | 46                        | 41          | 4.2              | 3.7         | 12% Decrease                |
| Glass Division       | 22,646,277      | 133                       | 94          | 5.1              | 4.2         | 18% Decrease                |
| Paint Division       | 5,782,489       | 22                        | 40          | 3.9              | 6.9         | 77% Increase                |
| Brush Division       | 708,331         | 18                        | 5           | 22.7             | 7.1         | 69% Decrease                |
| Fiber Glass Division | 2,419,476       | 18                        | 18          | 7.4              | 7.4         | No Comparison               |
| Col.-So. (Coal)      | 324,019         | 13                        | 16          | 38.3             | 49.4        | 29% Increase                |

SEVERITY

|                      | <u>MANHOURS</u> | <u>DAYS LOST</u> |             | <u>SEVERITY</u> |             | <u>SEVERITY COMPARISON</u> |
|----------------------|-----------------|------------------|-------------|-----------------|-------------|----------------------------|
|                      |                 | <u>1959</u>      | <u>1960</u> | <u>1959</u>     | <u>1960</u> |                            |
| <u>P. P. G. CO.</u>  | 46,554,718      | 16731            | 22513       | 351             | 484         | 38% Increase               |
| General Office       | 2,125,070       | -                | 3           | -               | 1           | 100% Increase              |
| Pgh.-Corning Corp.   | 1,600,632       | 124              | 73          | 80              | 46          | 43% Decrease               |
| Paint Division       | 5,782,489       | 2250             | 808         | 398             | 140         | 65% Decrease               |
| Col.-So. (Chem.)     | 10,948,424      | 7970             | 2114        | 730             | 193         | 74% Decrease               |
| Brush Division       | 708,331         | 1558             | 172         | 1965            | 243         | 88% Decrease               |
| Fiber Glass Division | 2,419,476       | 647              | 647         | 267             | 267         | No Comparison              |
| Glass Division       | 22,646,277      | 4333             | 15428       | 165             | 681         | 313% Increase              |
| Col.-So. (Coal)      | 324,019         | 496              | 3268        | 1463            | 10090       | 31% Decrease               |

COMPARATIVE REPORT FIVE PREVIOUS YEARS

|      | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> | <u>FREQUENCY RATING</u> | <u>DAYS LOST</u> | <u>SEVERITY RATING</u> |
|------|-----------------|---------------------------|-------------------------|------------------|------------------------|
| 1959 | 47,621,371      | 238                       | 5.0                     | 16,731           | 351                    |
| 1958 | 40,213,484      | 212                       | 5.3                     | 15,812           | 393                    |
| 1957 | 51,831,324      | 232                       | 4.5                     | 19,093           | 377                    |
| 1956 | 52,946,664      | 326                       | 6.2                     | 30,727           | 580                    |
| 1955 | 49,947,726      | 263                       | 5.3                     | 23,816           | 477                    |

FREQUENCY RATE SEVERITY RATE

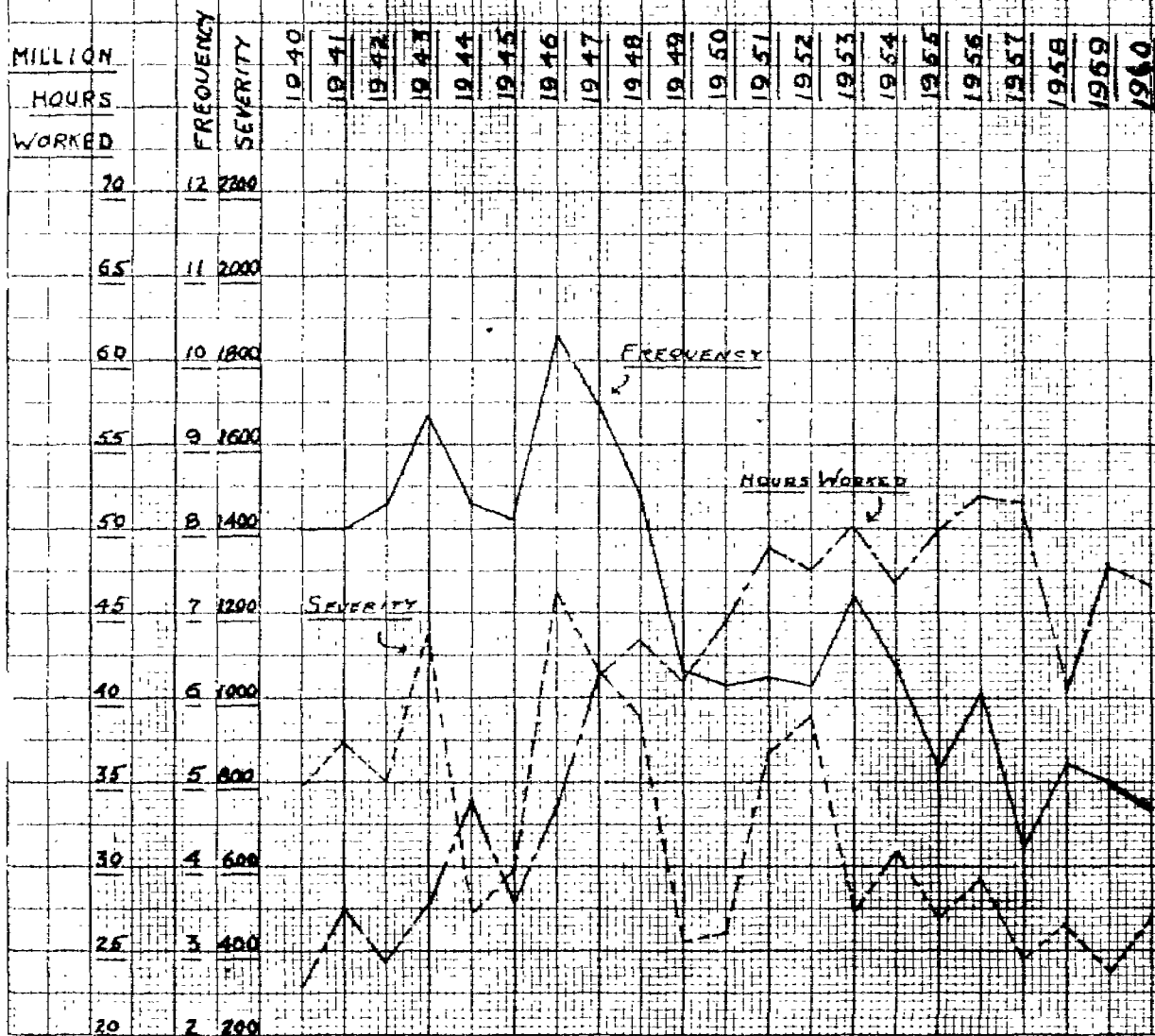
Average Rate Previous Five Year - 1955-1959 Inclusive  
Rate for 1960

5.2  
4.7

438  
484

CHART No. 1

PITTSBURGH PLATE GLASS COMPANY  
ACCIDENT EXPERIENCE



SL 104133

## COLUMBIA-SOUTHERN CHEMICAL CORPORATION

## Industrial Injury Report

Y E A R - 1 9 6 0

|                          | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> |             | <u>FREQUENCY</u> |             | <u>FREQUENCY<br/>COMPARISON</u> |
|--------------------------|-----------------|---------------------------|-------------|------------------|-------------|---------------------------------|
|                          |                 | <u>1959</u>               | <u>1960</u> | <u>1959</u>      | <u>1960</u> |                                 |
| <u>CHEMICAL DIVISION</u> | 10,948,424      | 46                        | 41          | 4.2              | 3.7         | 12% Decrease                    |
| Zanesville               | 698,930         | 2                         | -           | 2.6              | -           | 100% Decrease                   |
| Beauharnois              | 224,825         | 2                         | -           | 8.7              | -           | 100% Decrease                   |
| Bartlett                 | 153,450         | 6                         | -           | 38.9             | -           | 100% Decrease                   |
| Lake Charles             | 975,957         | 1                         | 1           | 1.1              | 1.0         | 9% Decrease                     |
| Corpus Christi           | 1,501,753       | 4                         | 3           | 2.7              | 2.0         | 26% Decrease                    |
| Natrium                  | 1,794,070       | 6                         | 4           | 3.4              | 2.2         | 35% Decrease                    |
| Barberton Mine           | 455,900         | 3                         | 1           | 6.3              | 2.2         | 65% Decrease                    |
| Jersey City              | 331,557         | -                         | 1           | -                | 3.0         | 100% Increase                   |
| Barberton ✓              | 4,125,432       | 3                         | 18          | .8               | 4.4         | 45% Increase                    |
| Pensacola                | 247,512         | 9                         | 3           | 21.5             | 12.1        | 44% Decrease                    |
| South Charleston         | 439,038         | 10                        | 10          | 21.0             | 22.8        | 9% Increase                     |
| <u>COAL DIVISION</u>     | 324,019         | 13                        | 16          | 38.3             | 49.4        | 29% Increase                    |
| Midvale                  | 324,019         | 13                        | 16          | 38.3             | 49.4        | 29% Increase                    |

|                          | <u>MANHOURS</u> | <u>DAYS LOST</u> |             | <u>SEVERITY</u> |             | <u>SEVERITY<br/>COMPARISON</u> |
|--------------------------|-----------------|------------------|-------------|-----------------|-------------|--------------------------------|
|                          |                 | <u>1959</u>      | <u>1960</u> | <u>1959</u>     | <u>1960</u> |                                |
| <u>CHEMICAL DIVISION</u> | 10,948,424      | 7970             | 2114        | 730             | 193         | 74% Decrease                   |
| Zanesville               | 698,930         | 391              | -           | 511             | -           | 100% Decrease                  |
| Beauharnois              | 224,825         | 78               | -           | 339             | -           | 100% Decrease                  |
| Bartlett                 | 153,450         | 308              | -           | 1996            | -           | 100% Decrease                  |
| Corpus Christi           | 1,501,753       | 107              | 39          | 72              | 26          | 64% Decrease                   |
| Natrium                  | 1,794,070       | 137              | 135         | 78              | 75          | 40% Decrease                   |
| Pensacola                | 247,512         | 37               | 29          | 88              | 117         | 33% Increase                   |
| Barberton                | 4,125,432       | 187              | 636         | 48              | 154         | 211% Increase                  |
| Jersey City              | 331,557         | -                | 100         | -               | 302         | 100% Increase                  |
| Lake Charles             | 975,957         | 8                | 401         | 9               | 411         | 4467% Increase                 |
| Barberton Mine           | 455,900         | 120              | 229         | 254             | 502         | 98% Increase                   |
| South Charleston         | 439,038         | 6597             | 545         | 13868           | 1241        | 91% Decrease                   |
| <u>COAL DIVISION</u>     | 324,019         | 496              | 3268        | 1463            | 1009        | 69% Decrease                   |
| Midvale                  | 324,019         | 496              | 3268        | 1463            | 1009        | 69% Decrease                   |

# CHEMICAL DIVISION

## ACCIDENT EXPERIENCE

DISABLING INJURIES PER MILLION HOURS

12

10

8

6

4

2

0

DAYS LOST PER MILLION HOURS

300

1000

1600

2000

2500

3000

HOURS WORKED

FREQUENCY

SEVERITY

12

10

8

6

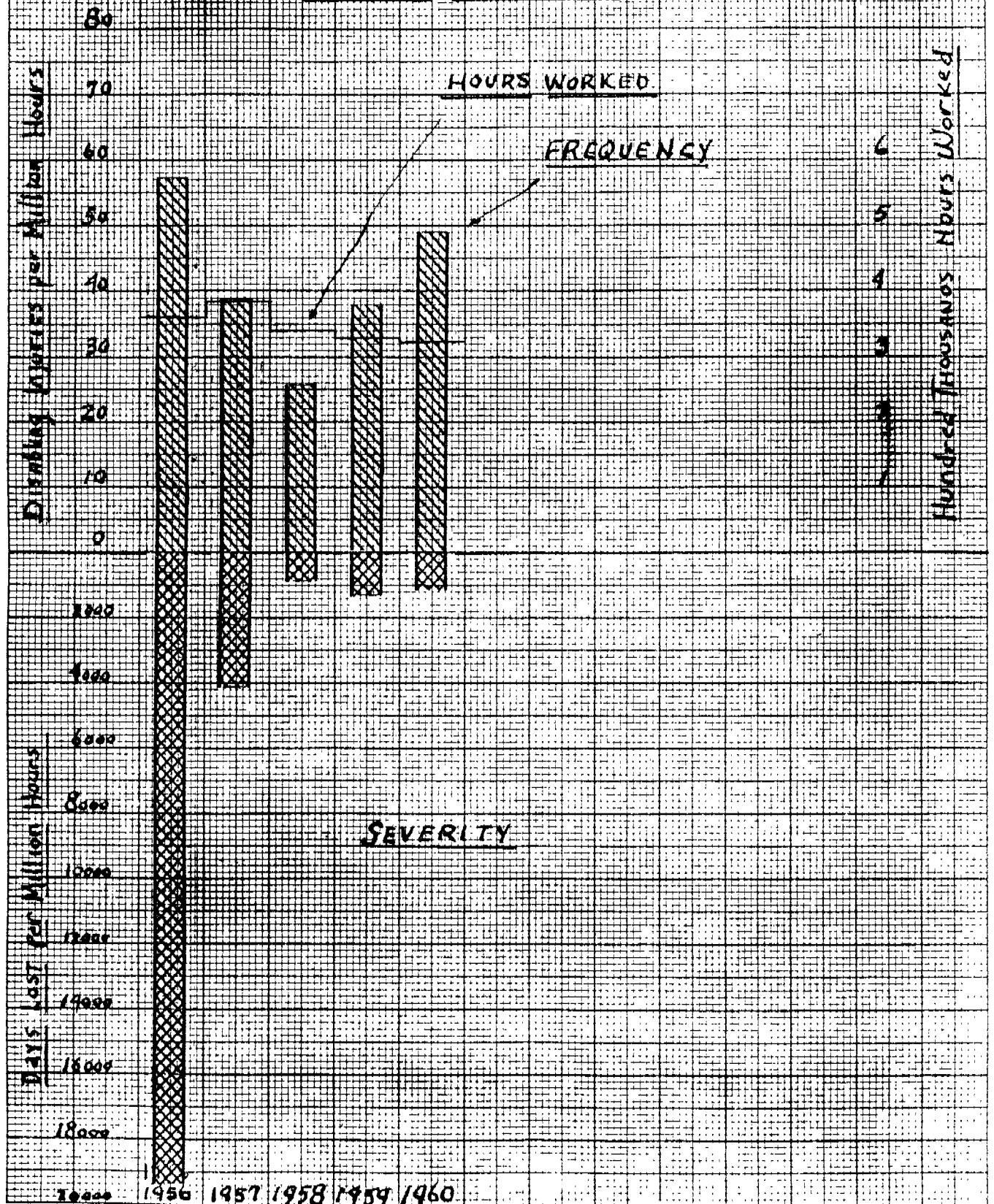
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2

HOURS WORKED MILLIONS

1956 1957 1958 1959 1960

# COAL DIVISION ACCIDENT EXPERIENCE



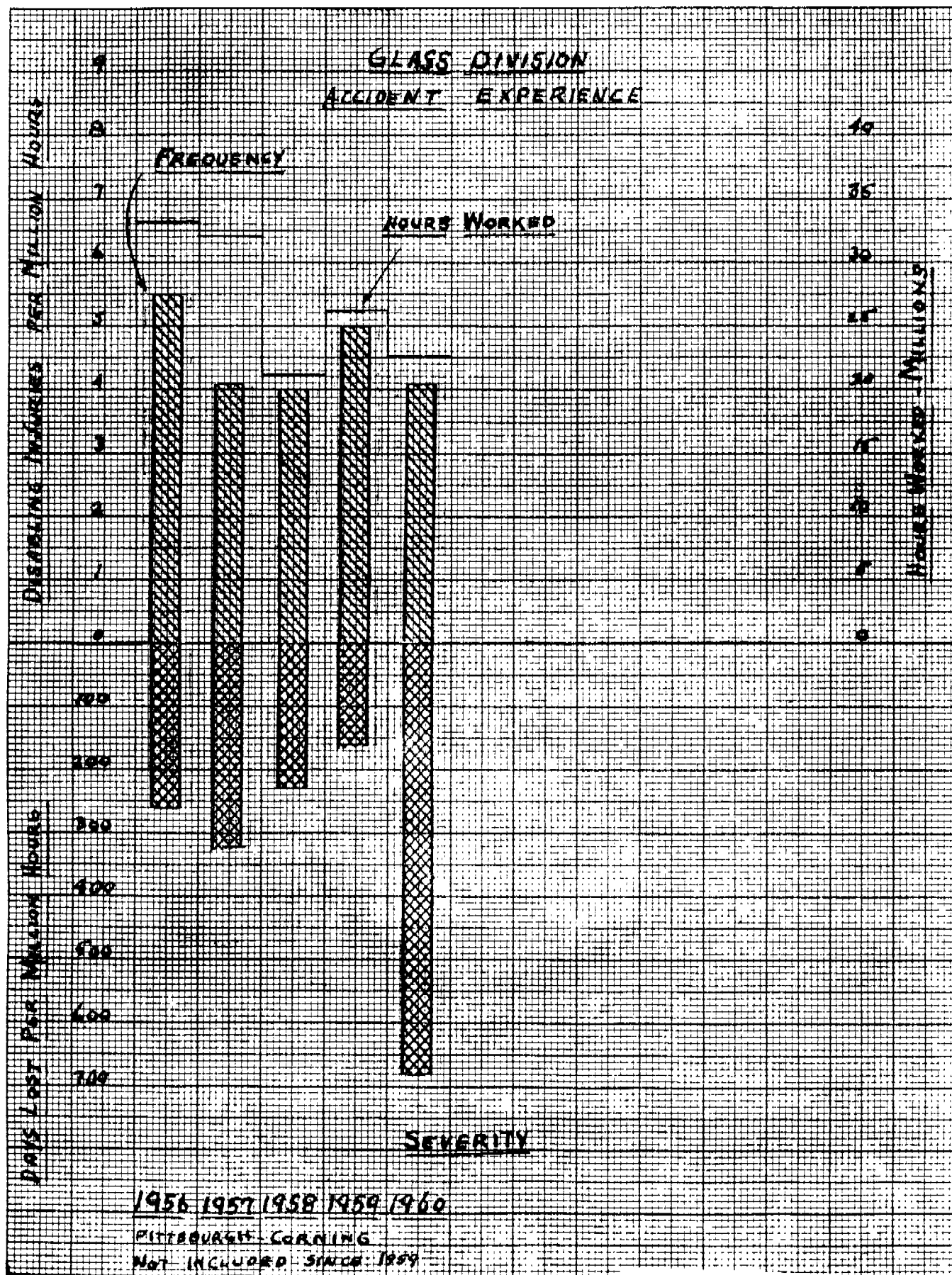
## PITTSBURGH PLATE GLASS COMPANY

## Industrial Injury Report

Y E A R - 1 9 6 0

|                     | MANHOURS   | LOST TIME INJURIES |      | FREQUENCY |      | FREQUENCY<br>COMPARISON |
|---------------------|------------|--------------------|------|-----------|------|-------------------------|
|                     |            | 1959               | 1960 | 1959      | 1960 |                         |
| GLASS DIVISION      | 22,646,227 | 133                | 94   | 5.1       | 4.2  | 18% Decrease            |
| Works No. 19        | 356,897    | 2                  | -    | 5.8       | -    | 100% Decrease           |
| Works No. 2         | 338,191    | 1                  | -    | 2.8       | -    | 100% Decrease           |
| Creighton Coalworks | 25,722     | -                  | -    | -         | -    | Same as 1959            |
| Works No. 26        | 629,991    | -                  | 1    | -         | 1.6  | 100% Increase           |
| Glass Research      | 1,337,400  | -                  | 3    | -         | 2.2  | 100% Increase           |
| Works No. 3         | 416,321    | 1                  | 1    | 1.9       | 2.4  | 26% Increase            |
| Works No. 25        | 672,072    | 1                  | 3    | 1.3       | 4.5  | 246% Increase           |
| Works No. 21        | 326,728    | 16                 | 2    | 43.7      | 6.1  | 86% Decrease            |
| Gas Department      | 81,658     | -                  | 1    | -         | 12.2 | 100% Increase           |
| PLATE GLASS         |            |                    |      |           |      |                         |
| Works No. 1         | 4,127,027  | 17                 | 1    | 3.0       | .2   | 93% Decrease            |
| Works No. 7         | 1,457,306  | 3                  | 1    | 2.1       | .7   | 67% Decrease            |
| Works No. 4         | 2,945,213  | 6                  | 5    | 1.9       | 1.7  | 11% Decrease            |
| Works No. 9         | 3,242,286  | 12                 | 11   | 3.2       | 3.4  | 6% Increase             |
| Works No. 6         | 978,301    | 4                  | 4    | 4.2       | 4.1  | 2% Decrease             |
| Total               | 12,750,133 | 42                 | 22   | 2.8       | 1.7  | 39% Decrease            |
| WINDOW GLASS        |            |                    |      |           |      |                         |
| Works No. 12        | 1,987,608  | 9                  | 16   | 4.2       | 8.0  | 90% Increase            |
| Works No. 10        | 1,487,035  | 11                 | 12   | 7.9       | 8.1  | 3% Increase             |
| Works No. 11        | 1,397,305  | 14                 | 19   | 8.4       | 13.6 | 62% Increase            |
| Works No. 14        | 839,166    | 13                 | 14   | 22.5      | 16.7 | 26% Decrease            |
| Total               | 5,711,114  | 47                 | 61   | 8.0       | 10.7 | 34% Increase            |

|                     | MANHOURS   | DAYS LOST |       | SEVERITY |      | SEVERITY<br>COMPARISON |
|---------------------|------------|-----------|-------|----------|------|------------------------|
|                     |            | 1959      | 1960  | 1959     | 1960 |                        |
| GLASS DIVISION      | 22,646,227 | 4333      | 15428 | 165      | 681  | 313% Increase          |
| Works No. 19        | 356,897    | 212       | -     | 617      | -    | 100% Decrease          |
| Works No. 2         | 338,191    | 39        | -     | 108      | -    | 100% Decrease          |
| Creighton Coalworks | 25,722     | -         | -     | -        | -    | Same as 1959           |
| Works No. 25        | 672,072    | 38        | 53    | 50       | 79   | 58% Increase           |
| Works No. 26        | 629,991    | -         | 75    | -        | 119  | 100% Increase          |
| Works No. 21        | 326,728    | 127       | 68    | 347      | 208  | 40% Decrease           |
| Works No. 3         | 416,321    | 31        | 100   | 59       | 240  | 307% Increase          |
| Gas Department      | 81,658     | -         | 65    | -        | 796  | 100% Increase          |
| Glass Research      | 1,337,400  | -         | 6100  | -        | 4561 | 100% Increase          |
| PLATE GLASS         |            |           |       |          |      |                        |
| Works No. 7         | 1,457,306  | 21        | 2     | 15       | 1    | 93% Decrease           |
| Works No. 1         | 4,127,027  | 514       | 168   | 89       | 41   | 54% Decrease           |
| Works No. 4         | 2,945,213  | 402       | 239   | 126      | 81   | 36% Decrease           |
| Works No. 9         | 3,242,286  | 759       | 619   | 202      | 191  | 5% Decrease            |
| Works No. 6         | 978,301    | 295       | 6106  | 309      | 6241 | 1920% Increase         |
| Total               | 12,750,133 | 1991      | 7134  | 132      | 560  | 324% Increase          |
| WINDOW GLASS        |            |           |       |          |      |                        |
| Works No. 10        | 1,487,035  | 238       | 194   | 170      | 130  | 24% Decrease           |
| Works No. 11        | 1,397,305  | 331       | 518   | 199      | 371  | 86% Increase           |
| Works No. 12        | 1,987,608  | 547       | 772   | 255      | 388  | 52% Increase           |
| Works No. 14        | 839,166    | 236       | 349   | 409      | 416  | 2% Increase            |
| Total               | 5,711,114  | 1352      | 1833  | 232      | 321  | 38% Increase           |



## PITTSBURGH PLATE GLASS COMPANY

## Industrial Injury Report

Y E A R - 1 9 6 0

|                    | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> |             | <u>FREQUENCY</u> |             | <u>FREQUENCY<br/>COMPARISON</u> |
|--------------------|-----------------|---------------------------|-------------|------------------|-------------|---------------------------------|
|                    |                 | <u>1959</u>               | <u>1960</u> | <u>1959</u>      | <u>1960</u> |                                 |
| <u>FIBER GLASS</u> | 2,419,476       | 23                        | 18          | 13.1             | 7.4         | 44% Decrease                    |
| Works No. 50       | 841,757         | 10                        | 3           | 9.8              | 3.6         | 63% Decrease                    |
| Works No. 52       | 1,577,719       | 13                        | 15          | 17.7             | 9.5         | 46% Decrease                    |

|                    | <u>MANHOURS</u> | <u>DAYS LOST</u> |             | <u>SEVERITY</u> |             | <u>SEVERITY<br/>COMPARISON</u> |
|--------------------|-----------------|------------------|-------------|-----------------|-------------|--------------------------------|
|                    |                 | <u>1959</u>      | <u>1960</u> | <u>1959</u>     | <u>1960</u> |                                |
| <u>FIBER GLASS</u> | 2,419,476       | 543              | 647         | 310             | 267         | 14% Decrease                   |
| Works No. 50       | 841,757         | 414              | 17          | 407             | 20          | 95% Decrease                   |
| Works No. 52       | 1,577,719       | 129              | 630         | 176             | 399         | 127% Increase                  |

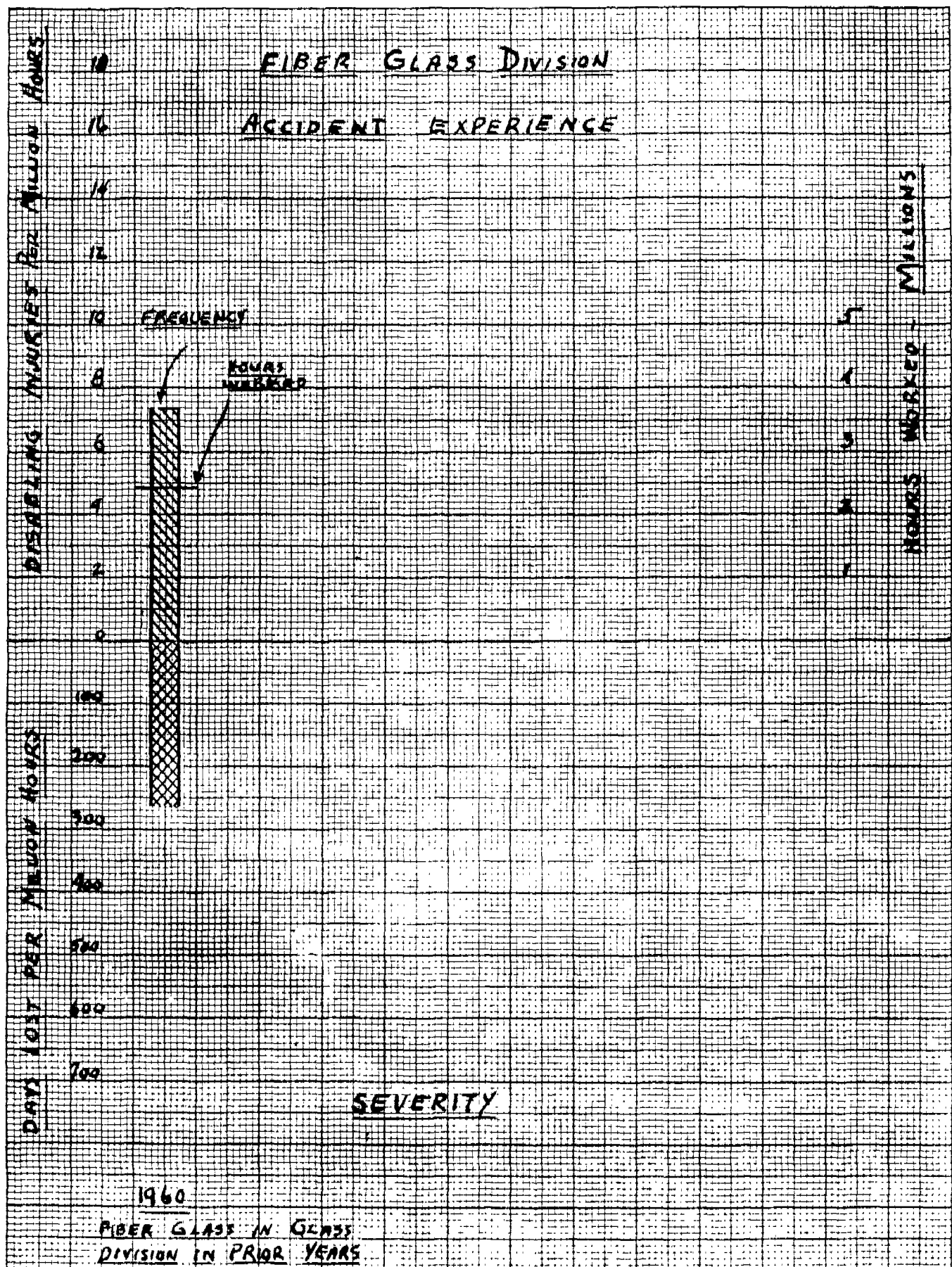
## PITTSBURGH-CORNING CORPORATION

## Industrial Injury Report

Y E A R - 1 9 6 0

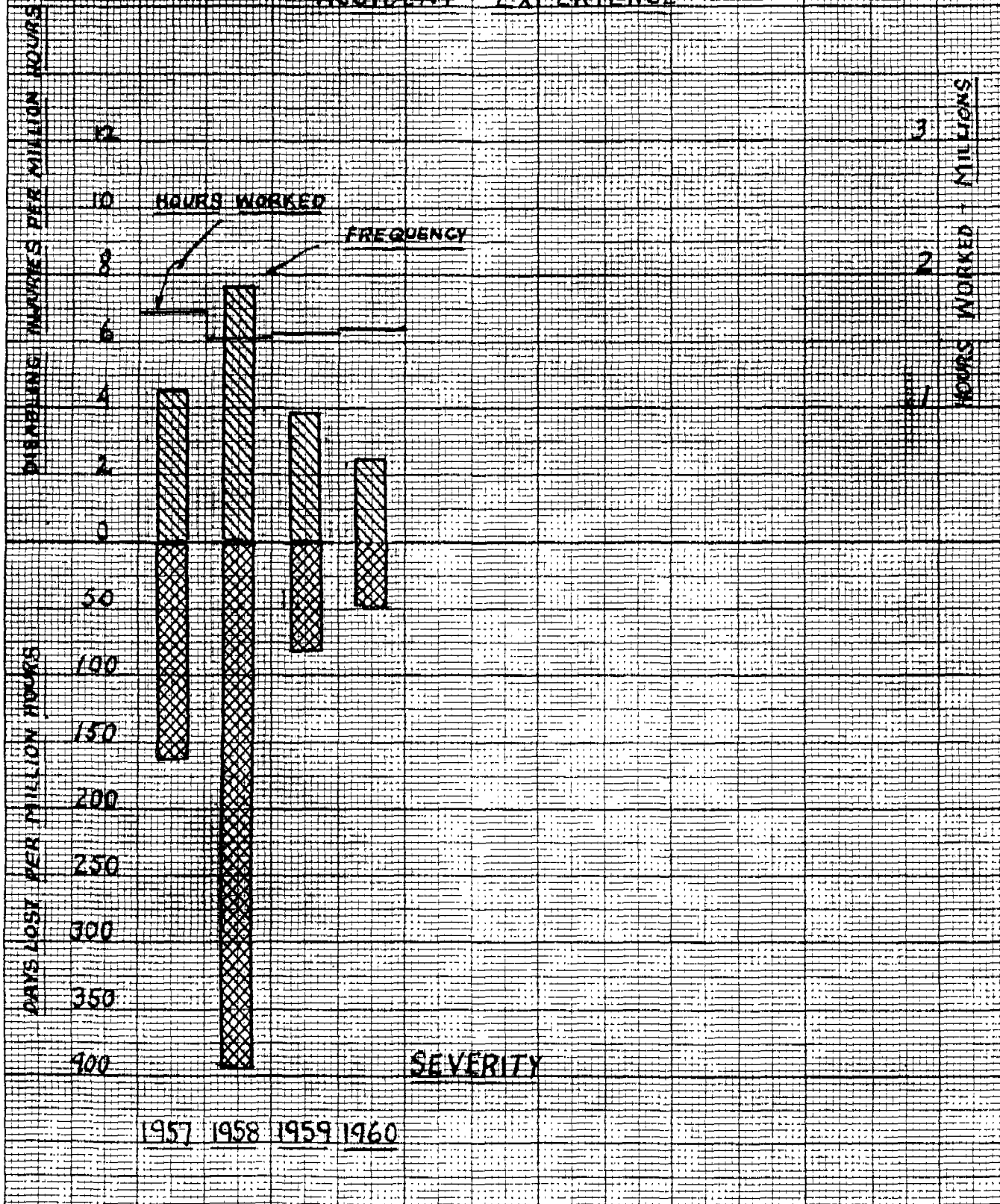
|                           | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> |             | <u>FREQUENCY</u> |             | <u>FREQUENCY<br/>COMPARISON</u> |
|---------------------------|-----------------|---------------------------|-------------|------------------|-------------|---------------------------------|
|                           |                 | <u>1959</u>               | <u>1960</u> | <u>1959</u>      | <u>1960</u> |                                 |
| <u>PGH.-CORNING CORP.</u> | 1,600,632       | 6                         | 4           | 3.9              | 2.5         | 36% Decrease                    |
| Port Allegany             | 1,069,962       | 1                         | 1           | 1.0              | .9          | 10% Decrease                    |
| Sedalia                   | 530,670         | 5                         | 3           | 9.3              | 5.7         | 39% Decrease                    |

|                           | <u>MANHOURS</u> | <u>DAYS LOST</u> |             | <u>SEVERITY</u> |             | <u>SEVERITY<br/>COMPARISON</u> |
|---------------------------|-----------------|------------------|-------------|-----------------|-------------|--------------------------------|
|                           |                 | <u>1959</u>      | <u>1960</u> | <u>1959</u>     | <u>1960</u> |                                |
| <u>PGH.-CORNING CORP.</u> | 1,600,632       | 124              | 73          | 80              | 46          | 43% Decrease                   |
| Port Allegany             | 1,069,962       | 12               | 7           | 12              | 7           | 42% Decrease                   |
| Sedalia                   | 530,670         | 112              | 66          | 209             | 124         | 41% Decrease                   |



# PITTSBURGH-CORNING

## ACCIDENT EXPERIENCE



## PITTSBURGH PLATE GLASS COMPANY

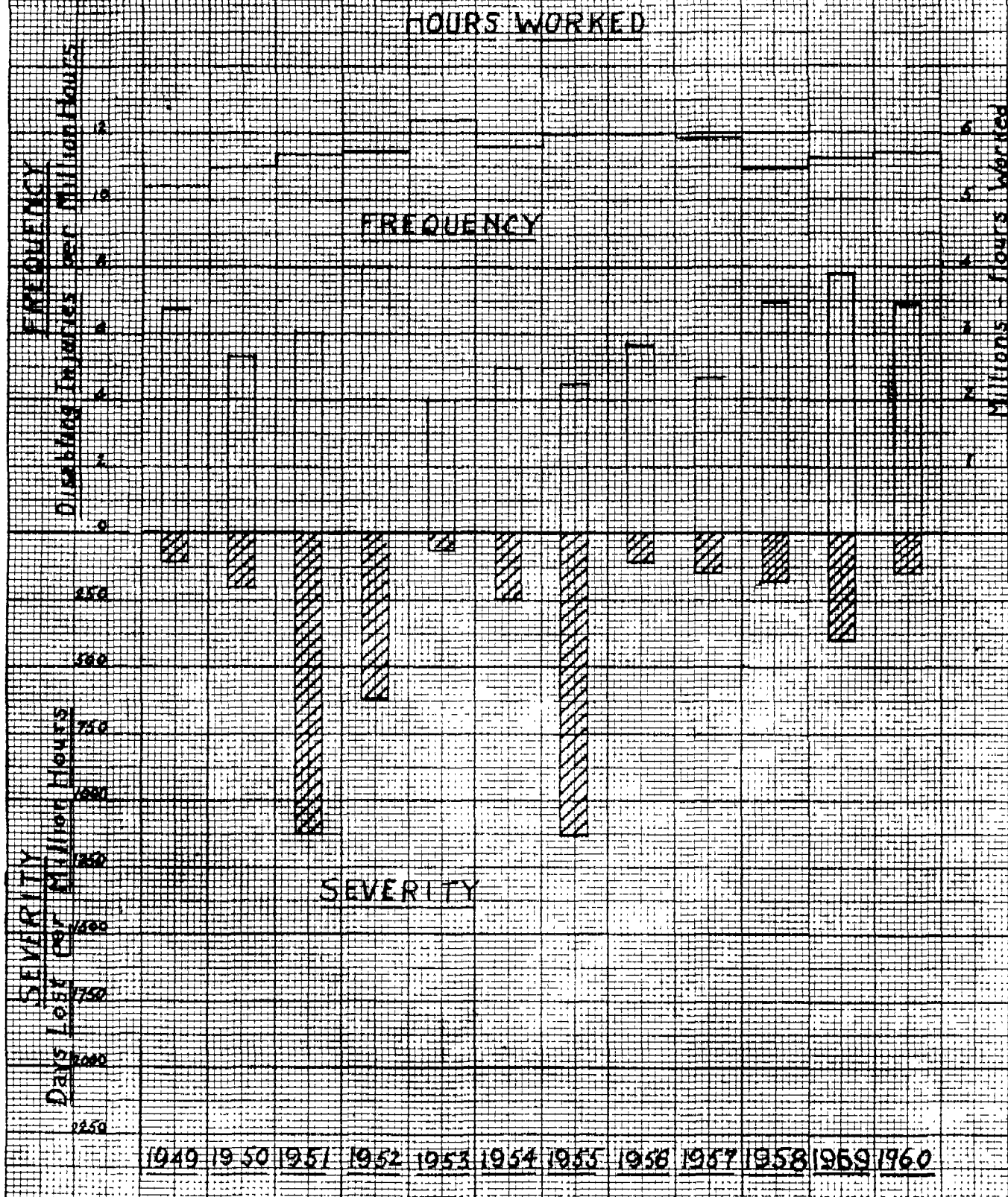
## Industrial Injury Report

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|                       | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> |             | <u>FREQUENCY</u> |             | <u>FREQUENCY<br/>COMPARISON</u> |
|-----------------------|-----------------|---------------------------|-------------|------------------|-------------|---------------------------------|
|                       |                 | <u>1959</u>               | <u>1960</u> | <u>1959</u>      | <u>1960</u> |                                 |
| <u>PAINT DIVISION</u> | 5,782,563       | 22                        | 40          | 3.9              | 6.9         | 77% Increase                    |
| Ditzler               | 786,366         | -                         | -           | -                | -           | Same as 1959                    |
| Red Wing              | 179,455         | -                         | -           | -                | -           | Same as 1959                    |
| Portland              | 107,041         | -                         | -           | -                | -           | Same as 1959                    |
| Milwaukee Sales       | 54,052          | -                         | -           | -                | -           | Same as 1959                    |
| Newark Sales          | 41,422          | -                         | -           | -                | -           | Same as 1959                    |
| Paint Research        | 401,187         | -                         | 1           | -                | 2.5         | 100% Increase                   |
| Houston               | 302,750         | 1                         | 1           | 3.3              | 3.3         | Same as 1959                    |
| Forbes                | 535,990         | -                         | 2           | -                | 3.7         | 100% Increase                   |
| Milwaukee             | 950,896         | 5                         | 4           | 5.1              | 4.2         | 18% Decrease                    |
| Ditzler Sales         | 238,032         | 1                         | 1           | 4.3              | 4.2         | 2% Decrease                     |
| Suydam                | 209,407         | 1                         | 1           | 4.9              | 4.8         | 2% Decrease                     |
| Springdale            | 409,852         | 1                         | 2           | 2.7              | 4.9         | 81% Increase                    |
| Torrance              | 462,153         | 3                         | 3           | 6.1              | 6.5         | 7% Increase                     |
| Atlanta               | 233,109         | -                         | 2           | -                | 8.6         | 100% Increase                   |
| Providence            | 62,814          | 2                         | 1           | 24.6             | 15.9        | 35% Decrease                    |
| Newark                | 611,838         | 5                         | 15          | 8.3              | 24.5        | 195% Increase                   |
| Moorestown            | 196,199         | 3                         | 7           | 16.5             | 35.7        | 116% Increase                   |

|                       | <u>MANHOURS</u> | <u>DAYS LOST</u> |             | <u>SEVERITY</u> |             | <u>SEVERITY<br/>COMPARISON</u> |
|-----------------------|-----------------|------------------|-------------|-----------------|-------------|--------------------------------|
|                       |                 | <u>1959</u>      | <u>1960</u> | <u>1959</u>     | <u>1960</u> |                                |
| <u>PAINT DIVISION</u> | 5,782,563       | 2250             | 808         | 398             | 140         | 65% Decrease                   |
| Ditzler               | 786,366         | -                | -           | -               | -           | Same as 1959                   |
| Red Wing              | 179,455         | -                | -           | -               | -           | Same as 1959                   |
| Portland              | 107,041         | -                | -           | -               | -           | Same as 1959                   |
| Milwaukee Sales       | 54,052          | -                | -           | -               | -           | Same as 1959                   |
| Newark Sales          | 41,422          | -                | -           | -               | -           | Same as 1959                   |
| Houston               | 302,750         | 22               | 3           | 73              | 10          | 86% Decrease                   |
| Providence            | 62,814          | 6                | 1           | 74              | 16          | 78% Decrease                   |
| Paint Research        | 401,187         | -                | 7           | -               | 17          | 100% Increase                  |
| Forbes                | 535,990         | -                | 10          | -               | 19          | 100% Increase                  |
| Ditzler Sales         | 238,032         | 4                | 7           | 17              | 29          | 71% Increase                   |
| Torrance              | 462,153         | 126              | 24          | 257             | 52          | 80% Decrease                   |
| Springdale            | 409,852         | 34               | 36          | 90              | 88          | 2% Decrease                    |
| Milwaukee             | 950,896         | 1971             | 85          | 2001            | 89          | 96% Decrease                   |
| Suydam                | 209,407         | 14               | 24          | 69              | 115         | 67% Increase                   |
| Atlanta               | 233,109         | -                | 62          | -               | 266         | 100% Increase                  |
| Newark                | 611,838         | 57               | 392         | 94              | 641         | 582% Increase                  |
| Moorestown            | 196,199         | 16               | 157         | 88              | 800         | 809% Increase                  |

# PAINT DIVISION ACCIDENT EXPERIENCE



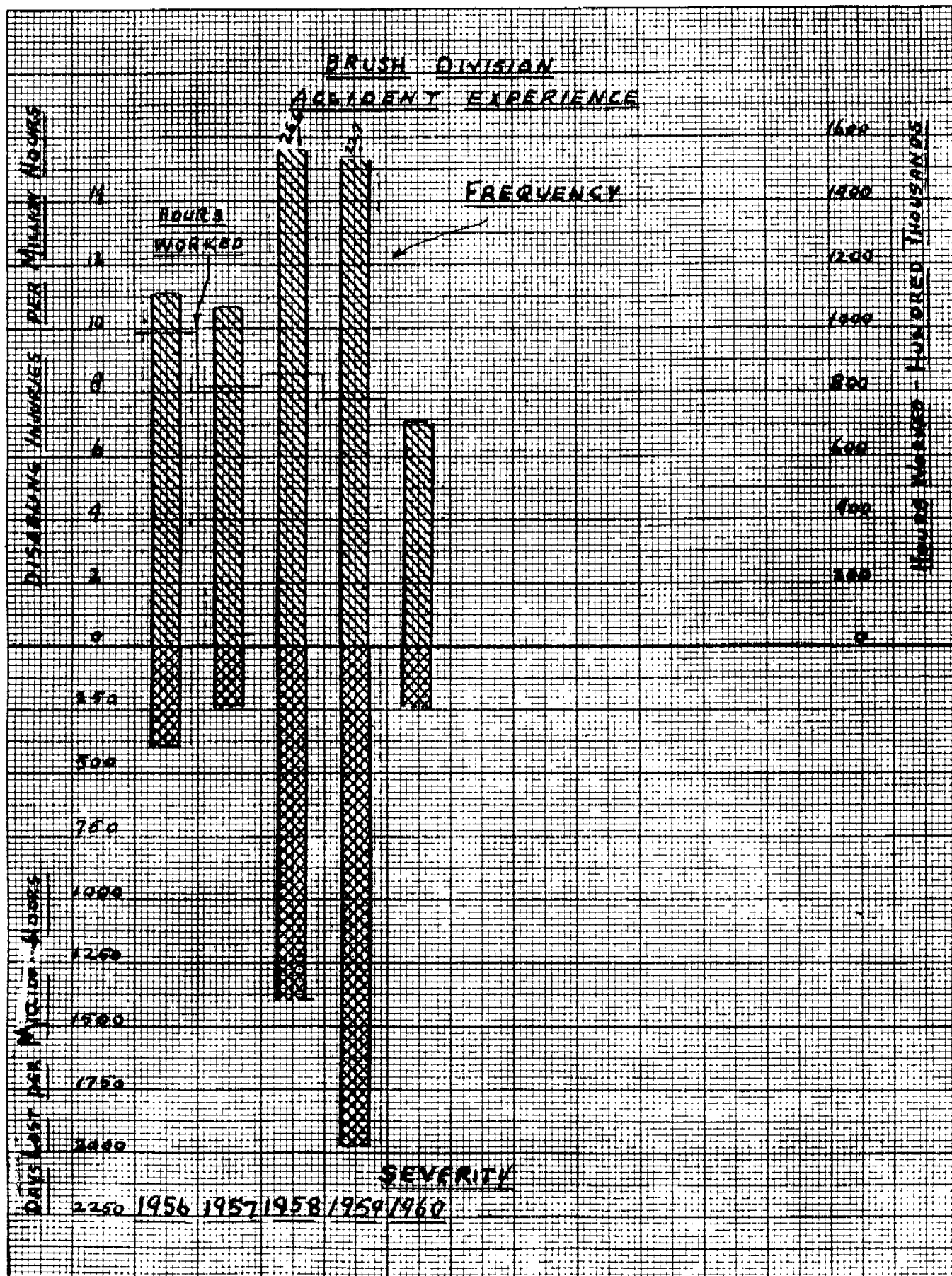
PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

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|                       | <u>MANHOURS</u> | <u>LOST TIME INJURIES</u> |             | <u>FREQUENCY</u> |             | <u>FREQUENCY</u>  |
|-----------------------|-----------------|---------------------------|-------------|------------------|-------------|-------------------|
|                       |                 | <u>1959</u>               | <u>1960</u> | <u>1959</u>      | <u>1960</u> | <u>COMPARISON</u> |
| <u>BRUSH DIVISION</u> | 708,331         | 18                        | 5           | 22.7             | 7.1         | 69% Decrease      |
| Baltimore             | 523,033         | 2                         | 1           | 4.2              | 2.0         | 52% Decrease      |
| Moreck                | 87,646          | 3                         | 1           | 28.2             | 11.4        | 60% Decrease      |
| Keene                 | 97,652          | 13                        | 3           | 63.2             | 30.7        | 51% Decrease      |

|                       | <u>MANHOURS</u> | <u>DAYS LOST</u> |             | <u>SEVERITY</u> |             | <u>SEVERITY</u>   |
|-----------------------|-----------------|------------------|-------------|-----------------|-------------|-------------------|
|                       |                 | <u>1959</u>      | <u>1960</u> | <u>1959</u>     | <u>1960</u> | <u>COMPARISON</u> |
| <u>BRUSH DIVISION</u> | 708,331         | 1558             | 172         | 1965            | 243         | 88% Decrease      |
| Baltimore             | 523,033         | 27               | 20          | 56              | 38          | 32% Decrease      |
| Keene                 | 97,652          | 1513             | 52          | 7362            | 533         | 93% Decrease      |
| Moreck                | 87,646          | 18               | 100         | 169             | 1141        | 575% Increase     |



1960 DISABLING INJURIES  
PERIODS OF DISABILITY

| PLANT            | 1-7<br>days | 8-14<br>days | 15-21<br>days | 22-28<br>days | Over 28<br>days |
|------------------|-------------|--------------|---------------|---------------|-----------------|
| Works No. 1      | -           | -            | -             | -             | 1               |
| Coalworks        | -           | -            | -             | -             | -               |
| Works No. 3      | -           | -            | -             | -             | 1               |
| Works No. 4      | -           | -            | 1             | 1             | 3               |
| Works No. 6      | -           | 1            | -             | -             | 3               |
| Works No. 2      | -           | -            | -             | -             | -               |
| Gas Department   | -           | -            | -             | -             | 1               |
| Works No. 7      | 1           | -            | -             | -             | -               |
| Works No. 9      | -           | 2            | 2             | -             | 7               |
| Works No. 10     | 7           | 3            | 1             | -             | 1               |
| Works No. 11     | 9           | 3            | 3             | -             | 4               |
| Works No. 12     | -           | 1            | 1             | 3             | 11              |
| Works No. 14     | 9           | 1            | -             | 1             | 3               |
| Glass Research   | -           | 1            | -             | -             | 2               |
| Works No. 19     | -           | -            | -             | -             | -               |
| Works No. 21     | 1           | -            | -             | -             | 1               |
| Works No. 25     | 1           | 1            | 1             | -             | -               |
| Works No. 26     | -           | -            | -             | -             | 1               |
| Works No. 50     | 2           | 1            | -             | -             | -               |
| Works No. 52     | 4           | 5            | 2             | 1             | 3               |
| Port Allegany    | 1           | -            | -             | -             | -               |
| Sedalia          | 1           | 1            | -             | -             | 1               |
| Atlanta          | -           | 1            | -             | -             | 1               |
| Baltimore        | -           | -            | 1             | -             | -               |
| Barberton        | 2           | 6            | 1             | 1             | 8               |
| Barberton Mine   | -           | -            | -             | -             | 1               |
| Bartlett         | -           | -            | -             | -             | -               |
| Beauharnois      | -           | -            | -             | -             | -               |
| Corpus Christi   | -           | 2            | 1             | -             | -               |
| Ditzler          | -           | -            | -             | -             | -               |
| Ditzler Sales    | 1           | -            | -             | -             | -               |
| Forbes           | 2           | -            | -             | -             | -               |
| General Office   | 1           | -            | -             | -             | -               |
| Houston          | 1           | -            | -             | -             | -               |
| Jersey City      | -           | -            | -             | -             | 1               |
| Keene            | 1           | -            | 1             | -             | 1               |
| Lake Charles     | -           | -            | -             | -             | 1               |
| Midvale          | 1           | 2            | 2             | 1             | 10              |
| Milwaukee        | 1           | 1            | 1             | -             | 1               |
| Milwaukee Sales  | -           | -            | -             | -             | -               |
| Moorestown       | 6           | -            | -             | -             | 1               |
| Morck            | -           | -            | -             | -             | 1               |
| Natritum         | -           | 3            | -             | -             | 1               |
| Newark           | 8           | 3            | -             | 1             | 3               |
| Newark Sales     | -           | -            | -             | -             | -               |
| Paint Research   | 1           | -            | -             | -             | -               |
| Pensacola        | 2           | -            | 1             | -             | -               |
| Portland         | -           | -            | -             | -             | -               |
| Providence       | 1           | -            | -             | -             | -               |
| Red Wing         | -           | -            | -             | -             | -               |
| South Charleston | 5           | 2            | -             | -             | 3               |
| Springdale       | -           | 1            | 1             | -             | -               |
| Suydam           | -           | -            | -             | 1             | -               |
| Torrance         | 2           | -            | -             | 1             | -               |
| Zanesville       | -           | -            | -             | -             | -               |
| TOTAL            | 71          | 41           | 20            | 11            | 76              |
| PERCENT OF TOTAL | 32%         | 19%          | 9%            | 5%            | 35%             |

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DISABLING INJURIES

"CAUSE AND CLASSIFICATION"

|                       |    | <u>Cases</u> | <u>Percent</u> |
|-----------------------|----|--------------|----------------|
| OBJECTS               |    | 57           | 26             |
| Struck By             | 45 |              |                |
| Struck Against        | 12 |              |                |
| STRAINS AND SPRAINS   |    | 44           | 20             |
| Back                  | 34 |              |                |
| Waist                 | 3  |              |                |
| Ankle                 | 3  |              |                |
| Groin                 | 1  |              |                |
| Shoulder              | 1  |              |                |
| Leg                   | 1  |              |                |
| Hip                   | 1  |              |                |
| FALLS                 |    | 31           | 14             |
| Same Level            | 19 |              |                |
| Lower Level           | 12 |              |                |
| GLASS                 |    | 29           | 13             |
| Struck By             | 22 |              |                |
| Struck Against        | 7  |              |                |
| CAUGHT BETWEEN        |    | 24           | 11             |
| BURNS                 |    | 22           | 10             |
| Chemical              | 17 |              |                |
| Thermal               | 3  |              |                |
| Electrical            | 2  |              |                |
| UNCLASSIFIED          |    | 4            | 2              |
| EYE CASES (F.B.)      |    | 4            | 2              |
| SLIPS - NO FALL       |    | 2            | -1             |
| VEHICLE               |    | 1            | -1             |
| O.D. CASES DERMATITIS |    | 1            | -1             |

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SUMMARY - DISABLING INJURIES

AGE GROUP

| <u>Age</u>     | <u>Total Work Force<br/>Employees</u> | <u>Percentage<br/>of Total<br/>Work Force</u> | <u>Disabling<br/>Injuries</u> | <u>Percentage<br/>of Total<br/>Injuries</u> |
|----------------|---------------------------------------|-----------------------------------------------|-------------------------------|---------------------------------------------|
| Under 20 years | 304                                   | 1                                             | 2                             | 1                                           |
| 20 to 25 years | 1,955                                 | 9                                             | 25                            | 11                                          |
| 26 to 30 years | 2,703                                 | 13                                            | 23                            | 11                                          |
| 31 to 40 years | 6,463                                 | 30                                            | 64                            | 29                                          |
| 41 to 50 years | 5,190                                 | 24                                            | 59                            | 27                                          |
| 51 to 60 years | 3,579                                 | 17                                            | 36                            | 16                                          |
| 61 to 70 years | 1,041                                 | 5                                             | 10                            | 5                                           |
| Over 70 years  | 10                                    | 1                                             | -                             | -                                           |
| TOTALS         | 21,245                                | 100                                           | 219                           | 100                                         |

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SUMMARY - DISABLING INJURIES

LENGTH OF SERVICE

| <u>Service</u>     | <u>Number<br/>Injuries</u> | <u>Percentage<br/>of Total</u> |
|--------------------|----------------------------|--------------------------------|
| Under 6 months     | 14                         | 6                              |
| 6 months to 1 year | 15                         | 7                              |
| 1 year to 2 years  | 20                         | 9                              |
| 2 years            | 13                         | 6                              |
| 3 years            | 8                          | 4                              |
| 4 years            | 7                          | 3                              |
| 5 years            | 5                          | 2                              |
| 6 to 10 years      | 33                         | 15                             |
| 11 to 20 years     | 70                         | 32                             |
| 21 to 30 years     | 22                         | 10                             |
| 31 to 40 years     | 12                         | 6                              |
| 41 to 50 years     | -                          | -                              |
| TOTALS             | 219                        | 100                            |

# HERNIA AND BACK CASES

1959 - 1960

|                  | <u>CASES</u> |             | <u>HERNIAS</u>   |             | <u>BACK CASES</u> |                  |
|------------------|--------------|-------------|------------------|-------------|-------------------|------------------|
|                  |              |             | <u>DAYS LOST</u> |             | <u>1960</u>       |                  |
|                  | <u>1960</u>  | <u>1959</u> | <u>1960</u>      | <u>1959</u> | <u>NUMBER</u>     | <u>DAYS LOST</u> |
| Works No. 1      | 7            | 5           | 314              | 210         | -                 | -                |
| Coalworks        | -            | -           | -                | -           | -                 | -                |
| Works No. 2      | -            | -           | -                | -           | -                 | -                |
| Works No. 3      | -            | 1           | -                | 30          | -                 | -                |
| Gas Department   | -            | -           | -                | -           | 1                 | 65               |
| Works No. 4      | 5            | 1           | 247              | 63          | -                 | -                |
| Works No. 6      | 2            | 1           | 118              | 19          | -                 | -                |
| Works No. 7      | -            | -           | -                | -           | -                 | -                |
| Works No. 9      | 1            | 1           | 87               | 85          | -                 | -                |
| Works No. 10     | -            | 1           | -                | 106         | 2                 | 14               |
| Works No. 11     | 3            | 6           | 133              | 286         | 8                 | 163              |
| Works No. 12     | 2            | 1           | 82               | 46          | 3                 | 125              |
| Works No. 14     | 1            | -           | 45               | -           | 1                 | 11               |
| Glass Research   | -            | -           | -                | -           | -                 | -                |
| Works No. 19     | -            | -           | -                | -           | -                 | -                |
| Works No. 21     | -            | -           | -                | -           | -                 | -                |
| Works No. 25     | -            | 1           | -                | 36          | 1                 | 6                |
| Works No. 26     | -            | -           | -                | -           | -                 | -                |
| Works No. 50     | -            | 2           | -                | 98          | 1                 | 10               |
| Works No. 52     | 1            | -           | 40               | -           | 10                | 522              |
| Port Allegany    | -            | 2           | -                | 133         | -                 | -                |
| Sedalia          | 1            | -           | 36               | -           | 1                 | 10               |
| Atlanta          | 1            | 1           | 21               | 26          | -                 | -                |
| Baltimore        | -            | -           | -                | -           | 1                 | 20               |
| Barberton        | 2            | 1           | 105              | 41          | 4                 | 153              |
| Barberton Mine   | -            | -           | -                | -           | -                 | -                |
| Bartlett         | -            | 1           | -                | 66          | -                 | -                |
| Beauharnois      | -            | -           | -                | -           | -                 | -                |
| Corpus Christi   | -            | -           | -                | -           | 1                 | 17               |
| Ditzler          | -            | -           | -                | -           | -                 | -                |
| Ditzler Sales    | -            | -           | -                | -           | -                 | -                |
| Forbes           | 1            | -           | 11               | -           | -                 | -                |
| Houston          | -            | -           | -                | -           | -                 | -                |
| Jersey City      | -            | -           | -                | -           | -                 | -                |
| Keene            | -            | -           | -                | -           | -                 | -                |
| Lake Charles     | -            | -           | -                | -           | -                 | -                |
| Midvale          | -            | -           | -                | -           | 2                 | 249              |
| Milwaukee        | -            | 4           | -                | 111         | 2                 | 61               |
| Milwaukee Sales  | -            | -           | -                | -           | -                 | -                |
| Moorestown       | -            | -           | -                | -           | 1                 | 1                |
| Morck            | -            | 1           | -                | 21          | -                 | -                |
| Natrium          | -            | -           | -                | -           | -                 | -                |
| Newark           | 2            | -           | 96               | -           | 2                 | 241              |
| Newark Sales     | -            | -           | -                | -           | -                 | -                |
| Paint Research   | -            | -           | -                | -           | -                 | -                |
| Pensacola        | -            | -           | -                | -           | -                 | -                |
| Portland         | -            | -           | -                | -           | -                 | -                |
| Providence       | -            | -           | -                | -           | -                 | -                |
| Red Wing         | -            | -           | -                | -           | -                 | -                |
| South Charleston | 2            | -           | 84               | -           | 1                 | 1                |
| Springdale       | 1            | -           | 63               | -           | -                 | -                |
| Suydam           | -            | -           | -                | -           | -                 | -                |
| Torrance         | -            | -           | -                | -           | 1                 | 1                |
| Zanesville       | -            | 1           | -                | 48          | -                 | -                |
| TOTALS           | 32           | 31          | 1482             | 1425        | 43                | 1670             |

1960

FATAL AND PERMANENT PARTIAL DISABILITY CASES

FATAL AND PERMANENT TOTAL CASES

Works No. 6

Case No. 60-901

Service: 10 years

July 18, 1960

Time Charge - 6000 days

Injured was working with a crew changing the motor on a large tilting cutting table. The table was in the "up" position, not blocked but held up by the motor and drive. Injured was sitting on one of three table stops, mounted on the floor, when, due to the motor being removed, the table descended and struck him on the back. Fracture of 12th thoracic and 1st lumbar vertebrae and severed spinal cord causing paralysis from the waist down.

Glass Research

Case No. 60-1767H

Service: 3 years

December 27, 1960

Time Charge - 6000 days

Deceased was one of a task force working on a polishing project at Works No. 7, Cumberland, Maryland. He was standing on the foundation of a vertically operated centrifuge which was purifying hydrofluoric acid. The top ring of the 40" basket broke at the welds and caused a cast iron retaining ring to fracture and fly out of the opening. The hydrofluoric acid line fractured and, in addition to being knocked off the foundation, the deceased was exposed to acid fumes. Death occurred a little over an hour later.

PERMANENT PARTIAL DISABILITIES

Works No. 3

Case No. 60-2740

Service: 13 years

November 7, 1960

Time Charge - 100 days

Injured, a foreman, was instructing employees how to unload pallets from a trailer truck. One pallet slipped and smashed finger. Amputation, tip of right index finger.

Works No. 26

Case No. 60-55

Service: 1 year

October 14, 1960

Time Charge - 75 days

A production foreman was checking edger pads while the machine was in operation. The clamps closed over the end of the left middle finger. Loss of the tip and part of the bone of the left middle finger.

Midvale Mine

Case No. 60-23

Service: 10 years

August 8, 1960

Time Charge - 1800 days

The injured, a shuttle car operator, was breaking a lump of coal with a hammer. A small fragment flew and scratched his right eye. The injury was neglected; infection set in; the eye became ulcerated and had to be removed.

Midvale Mine

Case No. 60-34

Service: 12 years

November 14, 1960

Time Charge - 300 days

The Master Mechanic was standing on a belt crossover platform. The belts were in operation. Due to blacking out, he found himself with his foot caught between the chute and moving belt. Traumatic amputation of the distal phalange of the right great toe and the entire middle toe.

Moorestown (Corona Chemicals)

Case No. 60-464

Service: 13 $\frac{1}{2}$  years

October 10, 1960

Time Charge - 150 days

A maintenance man had suspended a 1000# fork lift truck counterweight on a half ton hoist. He lowered it to the floor and on his foot. Amputation of part of first phalange of right great toe.

Morck Brush Plant

Case No. 60-64

Service: 1 $\frac{1}{2}$  years

December 9, 1960

Time Charge - 100 days

A young stock man was tenoning handles on a table saw. Evidently due to a wandering mind, his right thumb and index finger came in contact with the saw. Amputation of part of distal phalange of right index finger.