

PITTSBURGH PLATE GLASS COMPANY



February 6, 1956

GENERAL OFFICES
ONE GATEWAY CENTER PITTSBURGH 22, PA

SAFETY DEPARTMENT

ANNUAL REPORT

1955

The annual report for the year 1955 covers the following operations:

Plants of Pittsburgh Plate Glass Company in the United States;
Plants of Columbia-Southern Chemical Corporation;
Plants of Pittsburgh Corning Corporation.

One unit was added to our report during the year, namely:

Creighton Coal Works-Glass Division, Creighton, Pa. Record shown for eleven months.

YEARLY RECORD

Frequency Rate (number of disabling injuries per million hours exposure) - 5.3

Severity Rate (number of days lost per million hours exposure)
- 477

We are happy to announce that the Frequency Rate 5.3, is the lowest ever recorded by the company during the thirty-five years for which records are available. The very good records of many of our organizations made this achievement possible and with the lowering of rates in other groups we should be able to improve this record for 1956.

The Severity Rate is the lowest recorded for the past five years. Two fatalities marred our record and the penalty days assessed greatly affects the Severity Rate.

Comparison of company records for the year 1955 with 1954:

6.9% Increase in Hours Worked
20% Decrease in Frequency Rate of Injuries
24% Decrease in Severity Rate of Injuries

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All divisions, with the exception of Brush, recorded reductions in their Frequency Rate. Columbia-Southern (Chemical) and Columbia-Southern (Coal) Divisions recorded reductions in Severity Rate, while other divisions showed increases.

Eight organizations completed the calendar year without a disabling injury and will be awarded the company's "Certificate of Honor." Our congratulations to these organizations.

Glass Division Research - Completed fifth consecutive year
Portland Paint Plant - Completed third consecutive year
Springdale Paint Plant - Completed second consecutive year
Works No. 6, Ford City, Pa. - Completed second consecutive year
Atlanta Paint Plant - Completed first no-accident year
Torrance Paint Plant - Completed first no-accident year
Paint Research Center - Completed first no-accident year
Moreck Brush Plant - Completed first no-accident year

The Baltimore Brush Plant had been listed as an accident-free plant for the year. However, on January 6, 1956, an employee who sustained an injury on December 25, 1955, became disabled account of this injury. We charge these cases to the year in which they occur. Keep up the good work, Baltimore, and make it 100% for 1956.

Eighteen additional organizations had records better than the company's injury Frequency Rate for 1955 and these organizations will be awarded the company's "Certificate of Merit" in recognition of their achievements.

Works No. 1 Glass Plant, Creighton, Pennsylvania
Works No. 2 Machine and Foundry, Ford City, Pennsylvania
Works No. 3 Glass Plant, Creighton, Pennsylvania
Works No. 4 Glass Plant, Ford City, Pennsylvania
Works No. 9 Glass Plant, Crystal City, Missouri
Works No. 19 Store Front, Kokomo, Indiana
Baltimore Brush Plant, Baltimore, Maryland
Ditzler Color Division, Detroit, Michigan
Forbes Finishes Division, Cleveland, Ohio
Milwaukee Paint Plant, Milwaukee, Wisconsin
M. B. Suydam Division, Pittsburgh, Pennsylvania
Zanesville Cement Plant, Zanesville, Ohio
Pittsburgh Corning Corporation Plant, Port Allegany, Pennsylvania
Columbia-Southern Chemical Plant - Barberton, Ohio
Columbia-Southern Chemical Plant - Limestone Mine, Barberton, Ohio
Columbia-Southern Chemical Plant - Corpus Christi, Texas
Columbia-Southern Chemical Plant - Lake Charles, Louisiana
Columbia-Southern Chemical Plant - New Martinsville, West Virginia

The company's Severity Rate, not including penalty days assessed for fatalities, is 273 and thirty-two organizations had rates lower than the company's rate for 1955.

Besides the eight organizations with clear records, twenty-three others recorded reductions in Frequency Rate and, twenty-two reductions in Severity Rate in comparison with their individual records for 1954.

Two employees were fatally injured during the year. One, a pipefitter in the Newark Paint Plant, was working at floor level and when a wrench slipped, fell backward into pit containing hot water. The other, a maintenance man, at Works No. 1, Creighton, came in contact with an electric circuit while working on top of a bending lehr, resulting in electrocution. We are assessed 12,000 days penalty for these two fatalities. Eleven injuries resulted in partial permanent disabilities. Seven were amputations of parts of fingers. Three were amputations of parts of toes. One was an amputation of hand above the wrist. For these partial permanent injuries we were assessed 5,105 penalty days.

An analysis of the disabling injuries shows 23% caused by "Sprains and Strains," of which so called "Back Sprains" accounted for 71%. "Struck by or Against Objects," 23%. Those incidental to handling glass, 16%. "Caught Between Objects," 11% and "Falls" 11%. "Burns" 7%, Occupational Disease Cases 4% and Eye Cases 3%.

So called back sprains are of concern to all of us, especially since permanent partial disability claims are paid on many of them under state Workmen's Compensation laws. An immediate investigation of all back sprains should be made to determine if they are work connected or not and where questionable, a physical examination by the doctor for determination of possible cause. Discourage these claims by immediate action.

Approximately 25% of the disabling injuries occurred to employees under 30 years of age. 56% occurred to those in the 31 to 50 year age bracket. From the length of service standpoint, 45% occurred to employees with 5 years or less seniority, and 41% to employees with from 6 to 20 years service.

The pre-employment physical examination program is in effect in all organizations. Recheck examinations are being made of individuals off work for a period of time due to non-industrial injuries or illness. Special examinations are conducted in some organizations account of exposure to toxic materials. Some have yearly examinations of all employees. Complying with state codes and regulations requires periodic examinations of employees in certain occupations.

The yearly examination of employees in the Glass Division exposed to silica or asbestos dust has been continued. Aluminum dust therapy treatments are continuing for a number of the employees at Creighton and Ford City plants. About 143 employees received a course of treatment during the year, which totalled approximately 3,586 individual treatments.

In the Paint Division, routine check examinations are made of employees exposed to lead or other toxic materials. This program is continuing and has been very effective.

In the Columbia-Southern Chemical plants, due to the nature of the materials handled, processed and produced, various types of recheck examinations are made periodically. This program is progressing satisfactorily.

Special surveys of exposure to toxic materials, fumes, vapors, etc. were made by the Industrial Hygiene Foundation in the plants of the Glass Division and the Columbia-Southern Chemical Corporation. We have cooperated with the plants and the Foundation in arranging these surveys and conferences and have conducted a follow up on the suggestions and recommendations made to eliminate or control the conditions found.

Fire safety has been stressed throughout the year. Housekeeping, one of the major factors in accident prevention and fire prevention, has shown some improvement generally. Many plants consistently maintain good housekeeping conditions through a program of inspection and follow up. The "Paint Up" and "Clean Up" Campaign carried on regularly brings results.

However, housekeeping can be improved in many plants and this matter is being presented forcibly to local management.

All plants are well equipped with fire fighting equipment. Most organizations have trained in plant fire brigades. Cooperation between plant brigades and local municipal fire departments is excellent. Brigade training must be continuous in order to keep personnel acquainted with plant conditions and the functioning and effectiveness of different types of fire fighting equipment. Most of our brigades are well trained and can function effectively in times of emergency. The training of other units is progressing.

Our department checks on the monthly inspection reports and brigade training drills from each unit, and a detailed checkup is made of brigade training and organization, as well as an inspection of plants from a fire prevention and protection standpoint during plant visits.

Emergency control programs have been initiated in the Columbia-Southern Chemical Corporation plants. Test emergency and exit drills have been conducted at various plants. All organizations, through emergency control programs, should be able to cope with emergencies occasioned by flood, fire, tornadoes, etc. Public assistance may not be available and an organization well trained can function effectively in such an emergency.

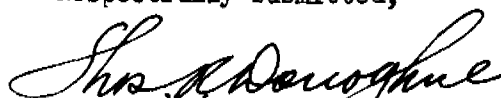
The Safe Driving Campaign was carried on throughout the year in the plants and the Merchandising Division. A separate yearly report will be issued when all reports are received from the insurance carrier.

Our record for 1955 shows what can be accomplished when each organization strives to do a better job in preventing injuries to its employees. We can feel elated, but not satisfied with the results attained. Our interest is in preventing injuries to employees and we cannot relax in our efforts to banish injuries, accidents and fires from our plants.

What we have accomplished in the past year should be a stimulus to increased effort to do a better job during 1956. A formulated and progressive program in safety and fire prevention will bring results. Each organization should again strive for a 50% reduction during 1956.

We wish to extend our sincere thanks and appreciation to each organization for the interest and utmost cooperation given us in our safety and fire prevention program. Our efforts will be expended in assisting you in any way possible, in the furtherance of your objectives of greater safety for the personnel of your respective organizations. Through our mutual efforts we hope to obtain better results in the current year.

Respectfully submitted,


Thos. R. Donoghue, Manager
Safety and Plant Protection

TRD:kb
Attachments

SL 103844

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Y E A R - 1 9 5 5

FREQUENCY

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY COMPARISON</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	
<u>PGH. PLATE GLASS CO.</u>	49,947,726	263	310	5.3	6.6	20% decrease
Cement Division	745,115	1	2	1.3	2.6	50% decrease
General Office	1,738,650	3	3	1.7	1.8	6% decrease
Paint Division	5,982,932	27	29	4.5	5.0	10% decrease
Glass Division	31,944,320	166	200	5.2	7.0	26% decrease
Col.-So. (Chem.)	8,245,480	45	48	5.5	5.6	2% decrease
Brush Division	915,620	6	4	6.6	5.0	32% increase
Col.-So. (Coal)	375,609	15	24	39.9	59.2	33% decrease

SEVERITY

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY COMPARISON</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	
<u>PGH. PLATE GLASS CO.</u>	49,947,726	23,816	29,252	477	630	24% decrease
General Office	1,738,650	117	15	67	10	570% increase
Col.-So. (Chem.)	8,245,480	1,392	16,531	169	1940	91% decrease
Cement Division	745,115	271	159	364	210	73% increase
Brush Division	915,620	405	159	442	200	121% increase
Glass Division	31,944,320	14,314	9,826	448	340	32% increase
Paint Division	5,982,932	6,774	1,426	1132	250	353% increase
Col.-So. (Coal)	375,609	543	1,136	1446	2800	48% decrease

COMPARATIVE REPORT FIVE PREVIOUS YEARS

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>	<u>FREQUENCY RATING</u>	<u>DAYS LOST</u>	<u>SEVERITY RATING</u>
1954	46,705,951	310	6.6	29,252	626
1953	50,005,124	368	7.4	24,497	490
1952	47,486,768	298	6.3	45,141	951
1951	48,930,006	319	6.5	42,784	874
1950	44,594,972	281	6.3	19,700	442

FREQUENCY RATE

SEVERITY RATE

Average Rate Previous Five Years
Rate for 1955

6.6
5.3

679
477

COLUMBIA-SOUTHERN CHEMICAL CORPORATION

Industrial Injury Report

Y E A R - 1 9 5 5

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY COMPARISON</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	
<u>COL.-SO. CHEM. CORP.</u>	8,245,480	45	48	5.5	5.6	2% decrease
Natrium	1,675,252	2	7	1.2	4.4	73% decrease
Lake Charles	944,815	2	3	2.1	3.1	32% decrease
Barberton Mine	481,703	1	5	2.1	8.4	75% decrease
Corpus Christi	1,573,165	6	7	3.8	4.3	12% decrease
Barberton	3,059,881	15	18	4.9	5.2	10% decrease
Bartlett	128,333	4	5	31.2	39.8	22% decrease
Jersey City	382,331	15	3	39.2	24.3	61% increase
<u>COAL DIVISION</u>	375,609	15	24	39.9	59.2	33% decrease
Midvale	375,609	15	24	39.9	61.0	34% decrease

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY COMPARISON</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	
<u>COL.-SO. CHEM. CORP.</u>	8,245,480	1,392	16,531	169	1940	91% decrease
Natrium	1,675,252	32	87	19	50	62% decrease
Corpus Christi	1,573,165	134	308	85	190	55% decrease
Lake Charles	944,815	101	75	107	80	34% increase
Barberton	3,059,881	664	15,132	217	4360	95% decrease
Bartlett	128,333	28	132	218	1050	78% decrease
Barberton Mine	481,703	200	737	415	1230	66% decrease
Jersey City	382,331	233	60	609	490	24% increase
<u>COAL DIVISION</u>	375,609	543	1,136	1446	2800	48% decrease
Midvale	375,609	543	1,136	1446	2890	50% decrease

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PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 5

	<u>MAN HOURS</u>	<u>LOST TIME</u> <u>1955</u>	<u>INJURIES</u> <u>1954</u>	<u>FREQUENCY</u> <u>1955</u>	<u>FREQUENCY</u> <u>1954</u>	<u>FREQUENCY</u> <u>COMPARISON</u>
<u>CEMENT DIVISION</u>	745,115	1	2	1.3	2.6	50% decrease
Zanesville	745,115	1	2	1.3	2.6	50% decrease

	<u>MAN HOURS</u>	<u>DAYS LOST</u> <u>1955</u>	<u>1954</u>	<u>SEVERITY</u> <u>1955</u>	<u>SEVERITY</u> <u>1954</u>	<u>SEVERITY</u> <u>COMPARISON</u>
<u>CEMENT DIVISION</u>	745,115	271	159	364	210	73% increase
Zanesville	745,115	271	159	364	210	73% increase

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DIVISIONAL - Y E A R - 1 9 5 5

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1955	1954	1955	1954	
GLASS DIVISION	31,944,320	166	200	5.2	7.0	26% decrease
Glass Research	555,688	-	-	-	-	Same as 1954
Works #2	457,404	1	1	2.2	2.6	15% decrease
Works #19	389,300	1	-	2.6	-	100% increase
Works #3	545,612	2	4	3.7	7.5	51% decrease
Works #25	255,297	2	-	7.8	-	100% increase
Gas Department	98,220	1	-	10.2	-	100% increase
Works #21	255,009	4	9	15.7	43.8	64% decrease
*Creighton CoalWorks	72,909	3	-	41.1	-	No Comparison
PGH. CORNING CORP.						
Port Allegany	1,154,917	6	11	5.2	9.7	46% decrease
Sedalia	507,150	11	11	21.7	20.1	8% increase
Total	1,662,067	17	22	10.2	13.0	22% decrease
PLATE GLASS						
Works #6	1,694,880	-	-	-	-	Same as 1954
Works #4	4,334,558	4	4	.9	.96	6% decrease
Works #1	7,990,180	27	11	3.4	1.5	126% increase
Works #9	6,052,181	21	25	3.5	4.5	22% decrease
Total	20,071,799	52	40	2.6	2.2	18% increase
WINDOW GLASS						
Works #12	2,441,759	19	17	7.8	8.3	6% decrease
Works #10	1,590,300	15	19	9.4	13.0	28% decrease
Works #11	2,054,719	26	44	12.7	24.6	48% decrease
Total	6,086,778	60	80	9.9	15.1	34% decrease
FIBER GLASS						
Works #50	884,340	11	11	12.4	13.4	7% decrease
Works #51	609,897	12	33	19.7	69.4	72% decrease
Total	1,494,237	23	44	15.4	34.0	55% decrease

	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1955	1954	1955	1954	
GLASS DIVISION	31,944,320	14,314	9,826	448	340	32% increase
Glass Research	555,688	-	-	-	-	Same as 1954
Works #21	255,009	5	33	20	180	89% decrease
Works #19	389,300	22	-	57	-	100% increase
Works #25	255,297	15	-	59	-	100% increase
Works #3	545,612	39	89	71	170	58% decrease
Works #2	457,404	35	21	77	50	54% increase
*Creighton CoalWorks	72,909	16	-	219	-	No Comparison
Gas Department	98,220	66	-	672	-	100% increase
PGH. CORNING CORP.						
Port Allegany	1,154,917	83	482	72	420	83% decrease
Sedalia	507,150	134	279	264	510	48% decrease
Total	1,662,067	217	761	131	450	71% decrease
PLATE GLASS						
Works #6	1,694,880	-	-	-	-	Same as 1954
Works #4	4,334,558	160	309	37	70	47% decrease
Works #9	6,052,181	631	1,323	104	240	57% decrease
Works #1	7,990,180	10,747	2,825	1350	400	237% increase
Total	20,071,799	11,538	4,457	57	240	76% decrease
WINDOW GLASS						
Works #10	1,590,300	303	601	191	410	53% decrease
Works #12	2,441,759	542	799	222	390	43% decrease
Works #11	2,054,719	813	2,049	396	1150	65% decrease
Total	6,086,778	1,658	3,449	272	650	58% decrease
FIBER GLASS						
Works #50	884,340	291	97	327	120	173% increase
Works #51	609,897	412	919	676	1930	65% decrease
Total	1,494,237	703	1,016	470	780	40% decrease

*Incomplete

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 5

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY COMPARISON</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	
<u>PAINT DIVISION</u>	5,982,932	27	29	4.5	5.0	10% decrease
Springdale	521,238	-	-	-	-	Same as 1954
Torrance	388,333	-	2	-	5.4	100% decrease
Atlanta	203,368	-	1	-	4.7	100% decrease
Paint Research	192,722	-	-	-	-	Same as 1954
Ditzler Sales	168,084	-	-	-	-	Same as 1954
Portland	99,639	-	-	-	-	Same as 1954
Milwaukee	1,108,883	1	-	.9	-	100% increase
Ditzler	1,067,483	1	-	.9	-	100% increase
Suydam	243,044	1	6	4.1	24.6	83% decrease
Forbes	431,825	2	2	4.6	4.7	2% decrease
Houston	282,656	3	1	10.6	3.6	194% increase
Newark	747,716	8	9	10.7	11.7	9% decrease
Red Wing	186,561	2	3	10.7	18.0	40% decrease
Moorestown	191,316	5	4	26.1	22.9	14% increase
Thresher	150,064	4	1	26.7	7.3	265% increase

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY COMPARISON</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	
<u>PAINT DIVISION</u>	5,982,932	6,774	1,426	1132	250	352% increase
Springdale	521,238	-	-	-	-	Same as 1954
Torrance	388,333	-	304	-	820	100% decrease
Atlanta	203,368	-	39	-	180	100% decrease
Paint Research	192,722	-	-	-	-	Same as 1954
Ditzler Sales	168,084	-	-	-	-	Same as 1954
Portland	99,639	-	-	-	-	Same as 1954
Forbes	431,825	7	10	16	20	20% decrease
Suydam	243,044	4	487	16	2000	99% decrease
Milwaukee	1,108,883	34	-	31	-	100% increase
Thresher	150,064	9	11	60	80	25% decrease
Red Wing	186,561	15	63	80	380	79% decrease
Ditzler	1,067,483	118	-	111	-	100% increase
Houston	282,656	239	96	846	340	149% increase
Moorestown	191,316	195	17	1019	100	919% increase
Newark	747,716	6153	399	8229	520	1483% increase

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 5

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	<u>COMPARISON</u>
<u>BRUSH DIVISION</u>	915,620	6	4	6.6	5.0	32% increase
Morck	104,087	-	1	-	11.3	100% decrease
Baltimore	648,601	1	1	1.6	1.7	6% decrease
Keene	162,932	5	2	30.7	18.7	64% increase

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY</u>
		<u>1955</u>	<u>1954</u>	<u>1955</u>	<u>1954</u>	<u>COMPARISON</u>
<u>BRUSH DIVISION</u>	915,620	405	159	442	200	121% increase
Morck	104,087	-	33	-	370	100% decrease
Baltimore	648,601	30	89	46	150	69% decrease
Keene	162,932	375	37	2302	350	556% increase

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COMPARATIVE REPORT

Y E A R - 1 9 5 5

WORKS	MAN HOURS	LOST TIME CASES 1955	1954	DAYS LOST	SEVERITY RATE PER 1,000,000 HRS.	SEVERITY COMPARISON WITH 1954
<u>GROUP "A"</u>						
Works #6	1,694,880	-	-	-	-	Same as 1954
Natrium	1,675,252	2	7	32	19	62% decrease
Milwaukee	1,108,883	1	-	34	31	100% increase
Works #4	4,334,558	4	4	160	37	47% decrease
Port Allegany	1,154,917	6	11	83	72	83% decrease
Corpus Christi	1,573,165	6	7	134	85	54% decrease
Works #9	6,052,181	21	25	631	104	57% decrease
Lake Charles	944,815	2	3	101	107	34% increase
Ditzler	1,067,483	1	-	118	111	100% increase
Works #10	1,590,300	15	19	303	191	53% decrease
Barberton	3,059,881	15	18	664	217	95% decrease
Works #12	2,441,759	19	17	542	222	43% decrease
Works #11	2,054,719	26	44	813	396	66% decrease
Works #1	7,990,180	27	11	10,747	1350	237% increase
<u>GROUP "B"</u>						
Glass Research	555,688	-	-	-	-	Same as 1954
Springdale	521,238	-	-	-	-	Same as 1954
Torranc	388,333	-	2	-	-	100% decrease
Forbes	431,825	2	2	7	16	20% decrease
Baltimore	648,601	1	1	30	46	69% decrease
Works #19	389,300	1	-	22	57	100% increase
Works #3	545,612	2	4	39	71	58% decrease
Works #2	457,404	1	1	35	77	54% increase
Sedalia	507,150	11	11	134	264	48% decrease
Works #50	884,340	11	11	291	327	173% increase
Zanesville	745,115	1	2	271	364	73% increase
Barberton Mine	481,703	1	5	200	415	66% decrease
Jersey City	382,331	15	3	233	609	24% increase
Works #51	609,897	12	33	412	676	65% decrease
Midvale	375,609	15	24	543	1146	50% decrease
Newark	747,716	8	9	6153	8229	1480% increase
<u>GROUP "C"</u>						
Atlanta	203,368	-	1	-	-	100% decrease
Paint Research	192,722	-	-	-	-	Same as 1954
Ditzler Sales	168,084	-	-	-	-	Same as 1954
Morck	104,087	-	1	-	-	100% decrease
Portland	99,639	-	-	-	-	Same as 1954
Suydam	243,044	1	6	4	16	99% decrease
Works #21	255,009	4	9	5	20	89% decrease
Works #25	255,297	2	-	15	59	100% increase
Thresher	150,064	4	1	9	60	25% decrease
Red Wing	186,561	2	3	15	80	76% decrease
Bartlett	128,333	4	5	28	218	79% decrease
*Creighton CoalWorks	72,909	3	-	16	219	No Comparison
Gas Department	98,220	1	-	66	672	100% increase
Houston	282,656	3	1	239	846	149% increase
Moorestown	191,316	5	4	195	1019	919% increase
Keene	162,932	5	2	375	2302	558% increase

*Incomplete

SL 103851

DISTRIBUTION
LOST TIME INJURIES
PERIODS OF DISABILITY

1955

NUMBER OF CASES CAUSING DISABILITY OF

PLANT	1 - 7 days	8 - 14 days	15 - 21 days	22 - 28 days	Over 28 days
Works #1	3	2	1	6	15
Creighton Coalwks.	2	1	-	-	-
Works #3	-	1	-	1	-
Glass Research	-	-	-	-	-
Works #4	-	-	1	-	3
Works #6	-	-	-	-	-
Works #2	-	-	-	-	1
Gas Department	-	-	-	-	1
Works #9	4	2	4	1	10
Works #10	4	4	1	1	5
Works #11	6	9	4	1	6
Works #12	-	5	5	4	5
Works #19	-	-	-	1	-
Works #21	4	-	-	-	-
Works #25	1	1	-	-	-
Works #50	5	1	1	1	3
Works #51	-	3	3	3	3
Port Allegany	2	3	-	-	1
Sedalia	5	4	1	-	1
Atlanta	-	-	-	-	-
Baltimore	-	-	-	-	1
Barberton	1	4	2	3	5
Barberton Mine	-	-	-	-	1
Bartlett	3	1	-	-	-
Corpus Christi	-	1	2	2	1
Ditzler	-	-	-	-	1
Ditzler Sales	-	-	-	-	-
Forbes	2	-	-	-	-
Houston	-	1	-	-	2
Jersey City	5	3	4	2	1
Keene	-	2	1	1	1
Lake Charles	-	1	-	-	1
Midvale	4	4	2	-	5
Milwaukee	-	-	-	-	1
Moorestown	3	-	-	-	2
Morck	-	-	-	-	-
New Martinsville	1	-	-	-	1
Newark	1	3	-	-	4
Paint Research	-	-	-	-	-
Portland	-	-	-	-	-
Red Wing	1	1	-	-	-
Springdale	-	-	-	-	-
Suydam	1	-	-	-	-
Thresher	4	-	-	-	-
Torrance	-	-	-	-	-
Zanesville	-	-	-	-	1
General Office	2	-	-	1	-
TOTAL	64	57	32	28	82
Percent of Total	24%	22%	12%	11%	31%

1955

SUMMARY - LOST TIME INJURIES

CAUSES AND TYPES

STRAINS AND SPRAINS 62 - 23%
 Back 44
 Knee 4
 Ankle 3
 Shoulder 2
 Hip 2
 Elbow 2
 Groin 2
 Wrist 1
 Leg 1
 Chest 1

OBJECTS 61 - 23%
 Struck By 46
 Struck Against 15

GLASS 43 - 16%
 Struck By 30
 Struck Against 13

CAUGHT BETWEEN 29 - 11%

FALLS 29 - 11%
 Lower Level 19
 Same Level 10

BURNS 19 - 7%
 Chemical 10
 Thermal 5
 Electrical 4

O. D. CASES 10 - 4%

EYE CASES 7 - 3%

SLIPS (No Fall) 2
 INFECTIONS 2
 PUNCTURES 1 } 2%

AGE GROUP

18 to 20 years old 8
 20 to 25 years old 23
 25 to 30 years old 34
 30 to 40 years old 91
 40 to 50 years old 56
 50 to 60 years old 40
 60 to 70 years old 11
 70 to 80 years old 2

LENGTH OF SERVICE

Under 6 months 23
 6 months to 1 year 10
 1 year to 2 years 16
 2 years 25
 3 years 17
 4 years 19
 5 years 9
 6 to 10 years 65
 10 to 20 years 43
 20 to 30 years 23
 30 to 40 years 14
 40 to 50 years 1

SL 103853

HERNIA CASES - 1955

<u>PLANT</u>	<u>NUMBER OF CASES</u>	<u>DAYS LOST</u>
Works #1	10	449
Works #2	1	49
Works #9	2	115
Works #10	1	98
Works #11	4	155
Works #12	1	58
Works #51	2	45
Barberton	1	45
Ditzler	1	27
Milwaukee	1	30
New Martinsville	2	124
Port Allegany	2	98
Suydam	<u>1</u>	<u>24</u>
TOTAL	29	1,317

FATAL AND PERMANENT PARTIAL DISABILITY CASES

INDUSTRIAL UNITS - 1955

FATALITIES

Newark Paint Plant

5/24/55

Time Charge - 6,000 Days

Case No. 55-380

Service: 12 years

A pipefitter and his helper were lining up a "T" fitting with a 24" pipe wrench. The wrench slipped and threw the fitter off balance and into a 5'x8'x5' pit containing 11" of approximately 170° hot water. The fitter died about a week later from second degree burns over about 65% of his body.

Works No. 1, Creighton, Pa.

7/21/55

Time Charge - 6,000 Days

Case No. 55-9995

Service: 6 years, 9 months

Two men, millwrights, were on a lehr job of renewing steel strips on the top of an electrically heated bending lehr. The injured was helping his partner who was burning off the old strips. Part of the helper's job was to watch for and put out burning sparks which may cause fires. As he reached under a guard covering a heating element to put out a small smoldering fire with a wet rag, his arm contacted the 550 Volt heating element. The resulting shock must have immediately caused death, no amount of artificial respiration, oxygen or heart massage could revive him.

PERMANENT PARTIAL DISABILITIES

Works No. 1, Creighton, Pa.

4/11/55

Time Charge - 50 Days

Case No. 55-4884

Service: 30 years

A laborer tried to stop a railroad car filled with batch sand by holding a 2"x4" piece of wood at the hopper location. The 2x4 was forced down to the cement walkway alongside of the tracks. The injured's finger was caught between and resulted in the amputation of almost all of the distal phalange of the small finger on his left hand.

Works No. 1, Creighton, Pa.

8/24/55

Time Charge - 3,600 Days

Case No. 55-11778

Service: 11 years, 4 months

A 'wrap around' plate broke as it was being picked up from a moving belt. The falling piece struck the cutter-unloader on the arm at the inside crook of his elbow. Because the tendons, veins, nerves, artery and muscle were severed, the hand did not respond and had to be amputated above the wrist.

Works No. 1, Creighton, Pa.

10/16/55

Time Charge - 60 Days

Case No. 55-14550

Service: 3 years

A laborer placed his left hand on the hoist guide when he hooked the chain to a case of glass on the forks of a lift truck. Due to stepping on the stacker, the vibration started the hoist to rise which sheared off the injured's left ring finger at the distal phalange.

Works No. 1, Creighton, Pa.

12/22/55

Time Charge - 75 Days

Case No. 55-17694

Service: 2 years

A battery truck operator (no witnesses) told of how his truck got away from him and when the brakes wouldn't function, he was thrown from it. The truck ran over his toes, which were crushed sufficiently to require amputation of the two end phalanges of the left second toe.

PERMANENT PARTIAL DISABILITIES (Cont'd.)

Barberton 2/17/55 Time Charge - 240 Days
Case No. 55-1657
Service: 4 years

While operating a drum elevator, the injured, a packer-loader, saw a drum tip from the lift arm. In reaching to shove the drum back on the lift arm, the injured caught his fingers between the chime of the drum and the elevator supporting bar. Amputation of most of the left ring finger.

Barberton Mine 4/22/55 Time Charge - 200 Days
Case No. 55-6011
Service: 13 years, 7 months

The shovel operator who was hurt was standing back of his helper who was operating at that time. Injured was wiping excess oil from the swing clutch. During the stone loading operation, the dipper slipped off a large piece of limestone and the boom lunged upward, causing the sheaves to drop. Injured was thrown off balance and put his hand on the gantry frame for support. His index finger was caught between the dropping sheaves and gantry frame. Amputation of the left index finger at the second phalange.

Works No. 50, Shelbyville, Ind. 7/26/55 Time Charge - 60 Days
Case No. 55-5147
Service: 1 year, 9 months

A serviceman climbed a ladder, apparently to sandpaper the rolls of a Brenner yarn cutter while it was operating. His hand was caught by the rolls and it was necessary to amputate part of the distal phalange of the 4th right finger.

Works No. 51, Hicksville, N. Y. 4/5/55 Time Charge - 185 Days
Case No. 55-330
Service: 3 days

Separator strips had jammed on the conveyor to the chopping blades. The assistant foreman shut down the machine, raised the guard at the blades but forgot to wait until the blades stopped rotating. Reaching in to relieve the jam, his right hand suffered severe lacerations which resulted in the amputation of the distal phalanges of the 3rd, 4th and 5th fingers.

Keene Plant 9/21/55 Time Charge - 300 Days
Case No. 55-22
Service: 9 months

Instead of using a pusher stick, this sawyer was picking up scrap pieces of lumber from the table, while the saw was operating. Amputation of part of the distal phalange of the right thumb.

Midvale Coal Mine 6/17/55 Time Charge - 185 Days
Case No. 55-27
Service: 7 years, 4 months

Sitting "Turk" fashion, this cutting machine operator was moving the cutting machine. His foot was protruding from the compartment. The machine moved too close to a mine roof support post and caught his toes. The steel toe of the safety shoe amputated portions of the toes. Amputation distal phalanges of the great and second left toes.

Moorestown 6/21/55 Time Charge - 150 Days
Case No. 55-221
Service: 2 years, 4 months

The ice crusher operator was working next to the dump hopper. As he shifted his foot, it slipped through the grating over the crusher. Left foot was caught in the ice crusher. Amputation of the third toe of the left foot.



PITTSBURGH
PLATE GLASS COMPANY

PLANT OR WORKS	HOURS WORKED	LOST TIME INJURIES	RATE PER 1,000,000 HOURS	COMPARATIVE INJURY CHART FREQUENCY	
				1954	1955
WORKS #6	1,589,643	-	-		
GLASS RES.	493,283	-	-		
SPRINGDALE	555,688	-	-		
PAIN'T RES.	462,548	-	-		
DITZ.SALES	521,238	-	-		
PORTLAND	28,180	-	-		
TORRANCE	192,722	-	-		
ATLANTA	159,856	-	-		
MORCK	168,084	-	-		
WORKS #4	103,385	-	-		
MILWAUKEE	99,639	-	-		
DITZLER	372,687	2	5.4		
NATRIUM	388,333	-	-		
ZANESVILLE	212,937	1	4.7		
BALTIMORE	203,368	-	-		
GEN.OFFICE	88,276	1	11.3		
LAKE CH.	104,087	-	-		
BARB.MINE	4,156,047	4	.9		
WORKS #2	4,334,558	4	.9		
WORKS #19	1,253,103	-	-		
WORKS #1	1,108,883	1	.9		
WORKS #9	1,019,084	-	-		
WORKS #3	1,067,483	1	.9		
CORPUS CH.	1,591,099	7	4.4		
SUDDAM	1,675,252	2	1.2		
FORBES	761,996	2	2.6		
BARBERTON	745,115	1	1.3		
PORT ALL.	588,048	1	1.7		
WORKS #12	648,601	1	1.6		
WORKS #25	1,476,370	3	1.8		
WORKS #10	1,738,650	3	1.7		
GAS DEPT.	958,892	3	3.1		
HOUSTON	944,815	2	2.1		
NEWARK	598,353	5	8.4		
RED WING	481,703	1	2.1		
WORKS #50	385,512	1	2.6		
WORKS #11	457,404	1	2.2		
WORKS #21	289,284	-	-		
WORKS #51	389,300	1	2.6		
SEDALIA	7,119,346	11	1.5		
MOORESTOWN	7,990,180	27	3.4		
THRESHER	5,594,420	25	4.5		
KEENE	6,052,181	21	3.5		
BARTLETT	533,079	4	7.5		
JER.CITY	545,612	2	3.7		
MIDVALE	1,633,894	7	4.3		
CREIGHTON COAL WORKS	1,573,165	6	3.8		
YEAR					
1955	49,947,726	263	5.3		
1954	46,705,951	311	6.6		
DECREASE			20%		

PLANT OR WORKS	HOURS WORKED	DAYS LOST	RATE PER 1,000,000 MANHOUR
WORKS #6	1,589,643	-	-
	1,694,880	-	-
GLASS RES.	493,283	-	-
	555,688	-	-
SPRINGDALE	462,548	-	-
	521,238	-	-
PAINT RES.	28,160	-	-
	192,722	-	-
DITZ SALES	159,856	-	-
	168,084	-	-
PORTLAND	103,385	-	-
	99,639	-	-
TORRANCE	372,687	304	816
	388,333	-	-
ATLANTA	212,937	39	183
	203,368	-	-
MORCK	88,276	33	373
	104,087	-	-
FORBES	430,060	10	23
	431,825	7	16
SUYDAM	243,574	487	2000
	243,044	4	16
NATRIUM	1,591,099	87	55
	1,675,252	32	19
WORKS #21	205,638	33	161
	255,009	5	20
MILWAUKEE	1,253,103	-	-
	1,108,883	34	31
WORKS #4	4,156,047	309	74
	4,334,558	160	37
BALTIMORE	588,048	89	151
	648,601	30	46
WORKS #19	289,280	-	-
	389,300	22	57
WORKS #25	16,927	-	-
	255,297	15	59
THRESHER	137,598	11	80
	150,064	9	60
GEN.OFFICE	1,676,370	15	10
	1,738,650	117	67
WORKS #3	533,079	89	167
	545,612	39	71
PORT.ALL.	1,141,750	482	423
	1,154,917	83	72
WORKS #2	385,512	21	54
	457,404	35	77
RED WING	167,110	63	377
	186,561	15	80
CORPUS CH.	1,633,894	308	189
	1,573,165	134	85
WORKS #9	5,594,420	1323	237
	6,052,181	631	104
LAKE CH.	958,892	75	78
	944,815	101	107
DITZLER	1,019,084	-	-
	1,067,483	118	111
WORKS #10	1,465,327	601	411
	1,590,300	303	191
BARBERTON	3,473,032	15,132**	4356
	3,059,881	664	217
BARTLETT	125,620	132	1050
	128,333	28	218
CREIGHTON COALWORKS	72,909	16	219
	2,036,572	799	392
WORKS #12	2,441,759	542	222
	546,395	279	511
SEDALIA	507,150	134	264
	819,807	97	118
WORKS #50	884,340	291	327
	761,996	159	209
ZANESVILLE	745,115	271	364
	1,788,143	2049	1145
WORKS #11	2,054,719	813	396
	598,353	737	1232
BARB.MINE	481,703	200	415
	123,549	60	496
JER.CITY	382,331	233	609
	95,470	-	-
GAS DEPT.	98,220	66	672
	475,370	919	1933
WORKS #51	609,897	412	676
	280,148	96	342
HOUSTON	282,656	239	846
	174,470	17	97
MOORESTOWN	191,316	195	1019
	7,119,346	2,825	397
WORKS #1	7,990,180	10,747*	1350
	393,304	1,136	2890
MIDVALE	375,609	543	1446
	116,836	37	317
KEENE	162,932	375	2302
	768,120	399	519
NEWARK	747,716	6,153*	8229
YEAR			
1955	49,947,726	23,816	477
1954	46,705,951	29,352	628
	DECREASE		24%

COMPANY RATE 1954	
FATALITY	PENALTY
EXCLUDED	INCL.
369	626

COMPARATIVE INJURY CHART SEVERITY

YEAR 1954 _____

1955 _____

*FATALITY-6000 DAYS - 1955
 **TWO FATALITIES-6000 DAYS EACH-1954