

ANNUAL REPORT
SAFETY DEPARTMENT

1957

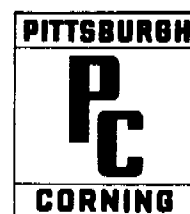
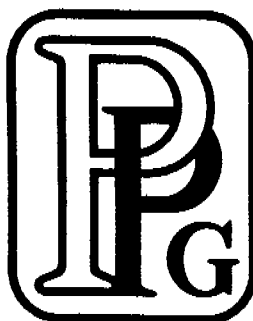


PITTSBURGH PLATE GLASS COMPANY

SL 104202

ANNUAL REPORT

1957



SAFETY DEPARTMENT - PITTSBURGH, PENNSYLVANIA

February - 1958

SL 104203

THIS REPORT 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

FIFTY UNITS ARE INCLUDED IN THIS REPORT AND THEIR RECORDS ARE FOR THE FULL CALENDAR YEAR.

YEARLY RECORD

FREQUENCY RATE - 4.4 - New Low Record
(Number of disabling injuries per million hours exposure)

SEVERITY RATE - 369 - New Low Record
(Number of days lost per million hours exposure)

COMPARISON OF COMPANY RECORD FOR THE YEAR 1957 WITH 1956:

2½% DECREASE IN HOURS WORKED

29% DECREASE IN FREQUENCY RATE OF INJURIES

36% DECREASE IN SEVERITY RATE

THE INTEREST, COOPERATION AND EFFORTS EXPENDED BY ALL UNITS OF OUR COMPANY HAVE BEEN REWARDED BY THE ACHIEVEMENT OF THE SAFEST YEAR IN COMPANY HISTORY.

SL 104204

FREQUENCY

The improvement in our frequency rate of 29% over 1956 gave us a new low record for our company. The 4.4 rate is the lowest on record during the past thirty-eight years.

All divisions achieved reductions in frequency rates during the year, ranging from 13% to 100%. Twenty-nine of the fifty organizations recorded decreases in frequency rates and five organizations had the same clear records as for 1956.

HONOR AWARD

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

Portland Paint Plant - Completed fifth consecutive year
Paint Research Center - Completed third consecutive year
Forbes Finishes Division - Completed second consecutive year
Houston Paint Plant - Completed second consecutive year
Glass Research Laboratory, Creighton - Completed first no-accident year
Gas Department, Ford City - Completed first no-accident year
Works No. 6, Ford City - Completed first no-accident year
Atlanta Paint Plant - Completed first no-accident year
Milwaukee Paint Plant - Completed first no-accident year
Thresher Paint and Varnish Division - Completed first no-accident year
Torrance Paint Plant - Completed first no-accident year
Baltimore Brush Division - Completed first no-accident year
Port Allegany Plant - Completed first no-accident year

MERIT AWARD

Twelve additional organizations had frequency rates lower than the company's rate for 1957 and will be awarded the company's "Certificate of Merit." Congratulations to these organizations.

Works No. 1, Glass Plant - Creighton, Pennsylvania
Works No. 2, Shop and Foundry - Ford City, Pennsylvania
Works No. 3, Glass Plant - Creighton, Pennsylvania
Works No. 4, Glass Plant - Ford City, Pennsylvania
Works No. 50, Fiber Glass Plant - Shelbyville, Indiana
Barberton Plant, Columbia-Southern Chem. Corp. - Barberton, Ohio
Barberton Limestone Mine, Columbia-Southern Chem. Corp. - Barberton, Ohio
Corpus Christi Plant, Columbia-Southern Chem. Corp. - Corpus Christi, Texas
Natrium Plant, Columbia-Southern Chem. Corp. - New Martinsville, W. Va.
Zanesville Cement Plant, Columbia-Southern Chem. Corp. - Zanesville, Ohio
Ditzler Color Division, Paint Plant - Detroit, Michigan
Springdale Paint Plant - Springdale, Pennsylvania

SEVERITY

The 36% decrease in severity rate over 1956 likewise earned us the lowest severity rate in company history. The rate of 369 days eclipses all former records.

All divisions except Glass and Paint recorded decreases in severity rates for the year. Twenty-three organizations had rates lower than the company rat for 1957. Twenty-five organizations achieved reductions in their rates in comparison with 1956.

The company's severity rate, not including 6,000 penalty days assessed for one fatal injury, is 253.

One employee was fatally injured during the year. The injury occurred at Works No. 4, Ford City, when glass fell from a rack and struck the employee. In compliance with the American Standards Association Code and the National Safety Council, we were assessed a penalty of 6,000 days for this fatality.

Eight injuries resulted in partial permanent disabilities. Five were amputations of fingers or parts of fingers, one amputation of thumb, one amputation of part of thumb and one amputation of leg above the knee. For these injuries we were assessed a total of 6,545 days.

ANALYSIS

An analysis of the 228 disabling injuries reveals that 65 or 29% of them were the result of "sprains and strains" of which 60% were so-called "back sprains." "Struck by or against objects" accounted for 24%. "Struck by or against glass" 15%, "falls" 13%, of which "falls to lower level" caused 63% of them. "Caught between objects" accounted for 9%, "burns" 6% and "miscellaneous" 4%.

From the age group standpoint, about 28% of the disabling injuries occurred to employees between the ages 18 to 30. Fifty per cent were from 31 to 50 and 22% over age 50.

Approximately 35% of the injuries occurred to employees with five years or less service and 46% of these were to those with less than one year service. Employees with service records of 6 to 20 years had 51% of the injuries. Those with over 20 years' service had 14%.

From this analysis we realize that better selection of employees and increased emphasis on adequate induction procedures, followed by intensive on-the-job training is necessary to prevent the new employee from being injured. The same is true where employees transfer from one job to another. Selection from the standpoint of ability and physical fitness and on-the-job training should eliminate many of the injuries occurring to older and longer service employees.

PHYSICAL EXAMINATION PROGRAM

The Physical Examination Program is continuing in all organizations. Pre-employment physical examination aids in better placement of applicants, eliminating those considered unsuitable for employment. Recheck examinations of employees absent from work due to non-occupational injury or illness are made to determine employees' fitness for return to work.

Where exposure to toxic materials exists, a program of special examinations conducted periodically is in force to protect the employees' health. In the Glass Division, the yearly physical and x-ray examination is made of employees exposed to silica or asbestos dust. The aluminum dust therapy treatments for employees thus exposed in the Ford City and Creighton plants are continuing. Some 167 employees received this course of treatment in 1957 which totalled about 4,522 individual treatments.

In the Paint Division the routine check examination is being made of employees exposed to lead and other toxic substances. This program will be expanded when conditions warrant.

Periodic physical examinations are made of employees exposed to toxic materials in the Columbia-Southern Chemical plants, with special tests to determine the effect, if any, on the individual from the type of material to which he has been exposed. Due to the expansion in this industry and the new products manufactured, this program will continue and will expand.

INDUSTRIAL HYGIENE

Our company is a member of the Industrial Hygiene Foundation. We use the facilities and services of this organization to make surveys of special operations in our plants to determine degree of exposure of employees to certain toxic elements and to make recommendations for eliminating or controlling this exposure. Several of these surveys have been made during the past year. We have arranged for and participated in these surveys and conferences, and we follow up on the suggestions and recommendations made. Studies on some specific exposures are continuing at this time.

We likewise cooperate with the various state agencies when they conduct special investigations or surveys of conditions in our plants.

FIRE PREVENTION

A campaign of fire prevention has been carried on throughout the year. House-keeping has been stressed, as it is a major factor in both accident and fire prevention. Most organizations have improved their housekeeping through a program of monthly inspection and a follow up on recommendations until compliance.

Our department checks on monthly inspection reports and fire brigade training drills from each unit. On plant trips we make an inspection of the entire plant from the standpoint of safety, fire prevention and fire protection. Likewise, we check on the suggestions and recommendations of the fire insurance company inspectors.

Fire prevention is supplemented by fire protection and all plants are well equipped with first aid fire extinguishers and have an ample supply of hose and auxiliary equipment for fighting fires. Fire brigades are organized and well trained in most organizations. Through fire drills and demonstrations, brigades can function efficiently in times of emergency. In many plants the entire personnel is trained in the use of the first aid fire extinguishers. Cooperation between municipal and/or volunteer fire departments and the plant brigades is excellent.

Our fire record for 1957 is not as favorable as it was for 1956. Increased interest in the prevention of all fires, even the most minor ones, is necessary to eliminate the possibility of their occurring. A more detailed report on fires occurring in 1957 will be issued later.

EMERGENCY PROGRAM

The Emergency or Disaster Control Programs initiated in the Columbia-Southern Chemical plants are continuing and we hope to extend them into other organizations of our company. Through these programs, plants can be more self-dependent during times of emergency, especially when public assistance is not available.

SAFE DRIVING CAMPAIGN

Th safe driving campaign has been carried on throughout the year in all plants and in the Merchandising Division, and expanded to include all who drive in company business. This has increased our mailing list. The volume of promotional material sent out monthly has increased greatly and we hope will bring better results. A separate detailed report for 1957 will be issued when all the reports from the units are received and tabulated.

PUBLICATIONS

The Safety Manual developed by our department during 1956 has been issued to all plants and to all units of the Merchandising Division. All new units are being supplied with the manual. We feel it has been a contribution to safety in all units.

Our library of safety and fire prevention films has been developed through the years. During 1957 we added additional films to keep our library up to date. We have developed a film catalog, which has been issued to all company operations. Our films are in constant circulation in the plants and to a limited degree at sales meetings in the Merchandising Division. Their use as a training medium in safety, fire prevention and safe driving has been worthwhile.

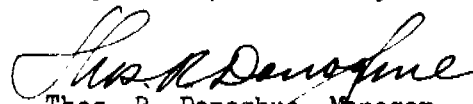
1957 - 1958

Our company's industrial injury record for 1957 is proof of the results which can be attained when all combine their efforts to make safety in their individual units a reality. Many of the individual organizations have made outstanding records. Others can do likewise. The prevention of injuries is our goal.

The 1957 record presents a challenge. What we have accomplished in 1957 should be a stimulus to greater effort in 1958, to not only equal, but to improve our records in each unit. A live and progressive safety and fire prevention program will bring results.

It has been a privilege and a pleasure working with all organizations during the past year. Your interests are our interests and your cooperation has stimulated our efforts in your behalf. We wish to extend our sincere thanks and appreciation to each organization for this wonderful cooperation. Our efforts will be expended to assist you in any way possible. Together we can make 1958 a safer year.

Respectfully submitted,


Thos. R. Donoghue, Manager
Safety and Plant Protection

TRD/kb

Attachments

SL 104208

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Y E A R - 1 9 5 7

FREQUENCY

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY COMPARISON</u>
		<u>1957</u>	<u>1956</u>	<u>1957</u>	<u>1956</u>	
<u>P. P. G. CO.</u>	51,614,828	228	326	4.4	6.2	29% decrease
General Office	1,958,795	-	2	-	1.0	100% decrease
Glass Division	31,997,485	132	183	4.1	5.7	28% decrease
Col.-So. (Chem.)	10,509,677	45	75	4.3	7.8	44% decrease
Paint Division	5,939,192	28	34	4.7	5.7	18% decrease
Brush Division	824,275	8	11	9.7	11.1	13% decrease
Col.-So. (Coal)	385,404	15	21	38.9	57.7	33% decrease

SEVERITY

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY COMPARISON</u>
		<u>1957</u>	<u>1956</u>	<u>1957</u>	<u>1956</u>	
<u>P. P. G. CO.</u>	51,614,828	19,040	30,727	369	580	36% decrease
General Office	1,958,795	-	6,002	-	3086	100% decrease
Paint Division	5,939,192	771	659	147	110	34% increase
Brush Division	824,275	192	384	233	387	40% decrease
Glass Division	31,997,485	10,224	8,653	320	260	23% increase
Col.-So. (Chem.)	10,509,677	6,300	8,033	599	832	28% decrease
Col.-So. (Coal)	385,404	1,553	6,996	4030	19236	79% 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>
1956	52,946,664	326	6.2	30,727	580
1955	49,947,726	263	5.3	23,816	477
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

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FREQUENCY RATE

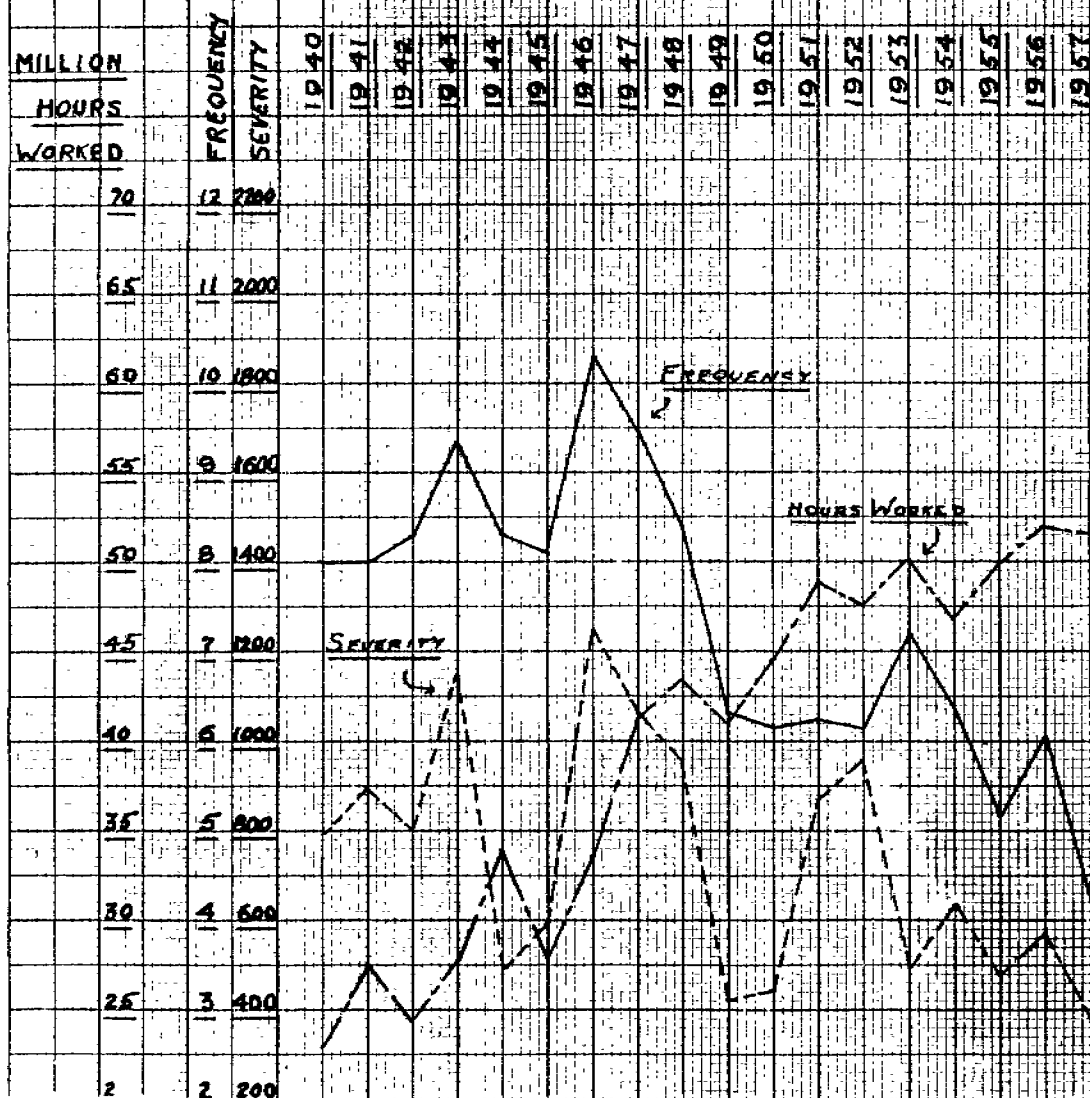
SEVERITY RATE

Average Rate Previous Five Years - 1952-1956 Incl.
Rate for 1957

6.3
4.4

621
369

PITTSBURGH PLATE GLASS COMPANY ACCIDENT EXPERIENCE



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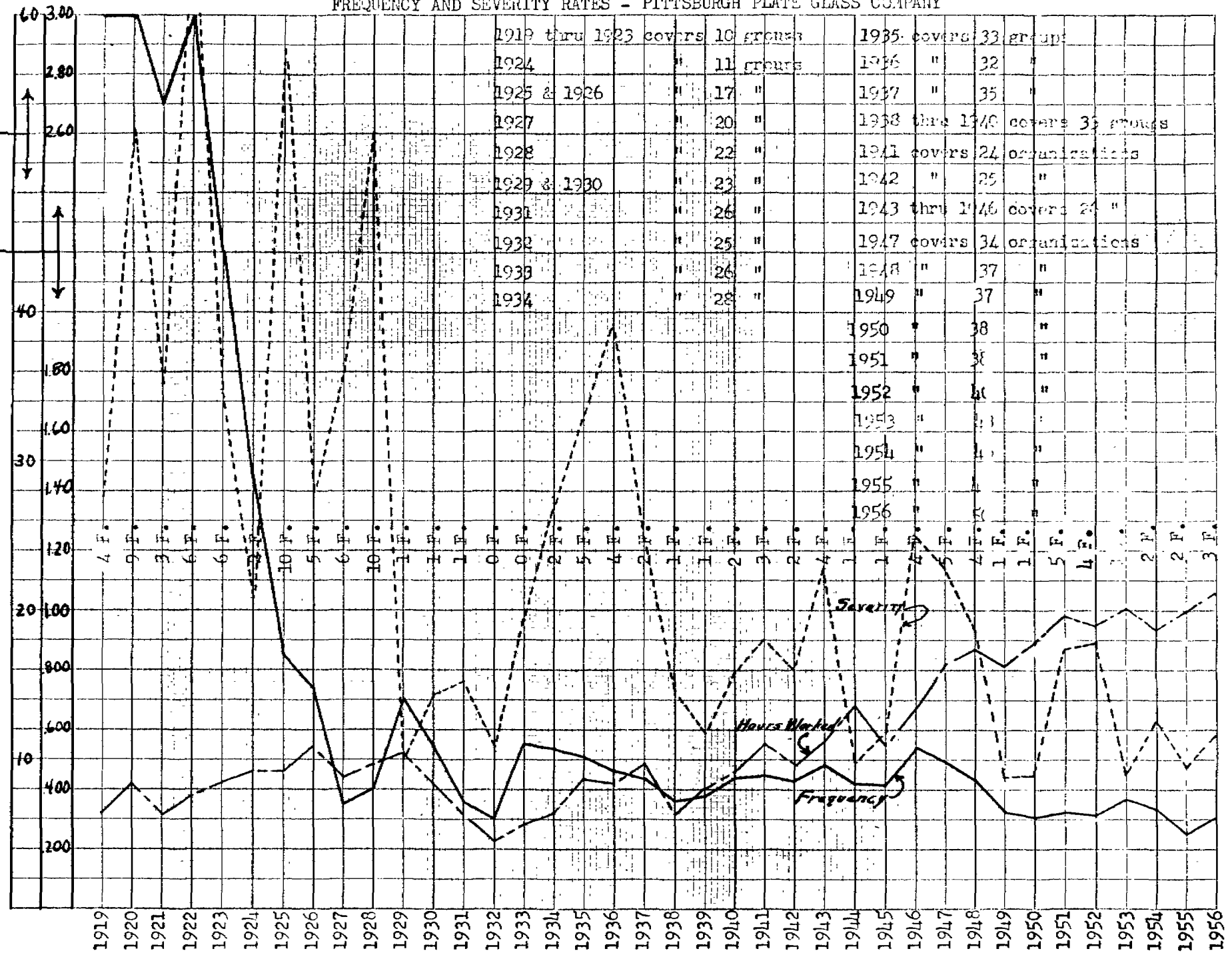
FREQUENCY AND SEVERITY RATES - PITTSBURGH PLATE GLASS COMPANY

Frequency Rate
Lost Time
Injuries per
1,000,000 hrs.
worked

Severity Rate
Days Lost
per 1,000 hrs.
worked

Hours Worked

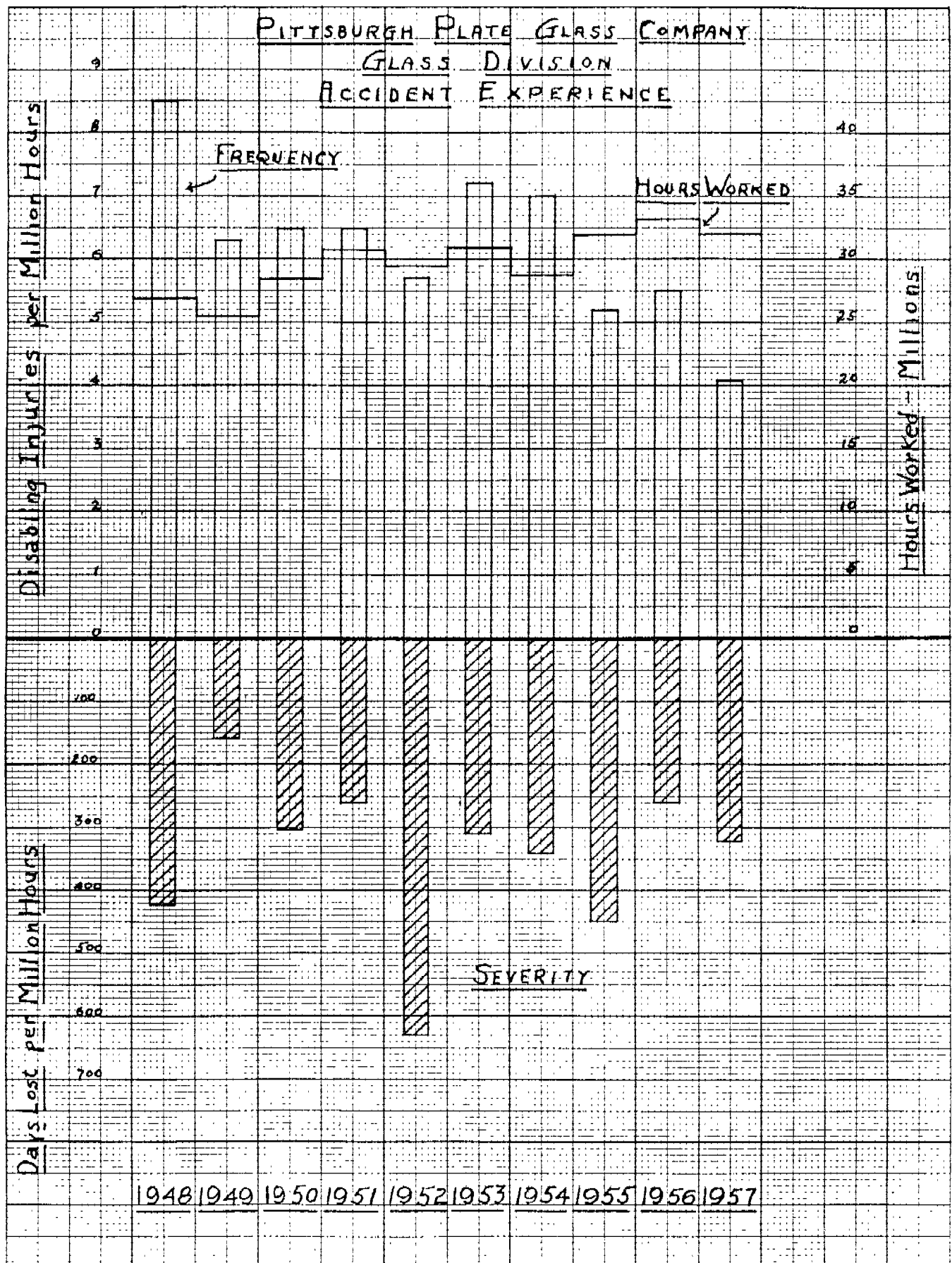
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000



SL 1042111

		Y E A R - 1 9 5 7		F R E Q U E N C Y		F R E Q U E N C Y
		L O S T T I M E I N J U R I E S				C O M P A R I S O N
	MAN HOURS	1957	1956	1957	1956	
GLASS DIVISION	31,997,485	132	183	4.1	5.7	28% decrease
Glass Research	741,858	-	1	-	1.5	100% decrease
Gas Department	103,457	-	2	-	19.3	100% decrease
Works #3	490,586	1	-	2.0	-	100% increase
Works #2	441,853	1	-	2.3	-	100% increase
Works #25	750,965	5	5	6.7	8.0	16% decrease
Works #19	370,262	3	2	8.1	5.2	26% increase
Works #21	317,518	5	3	15.7	13.3	18% increase
Creighton Coalworks	59,002	1	-	16.9	-	100% increase
PGH. CORNING CORP.						
Port Allegany	1,148,361	-	4	-	3.2	100% decrease
Sedalia	573,879	8	6	13.9	9.1	53% increase
Total	1,722,240	8	10	4.6	5.2	11% decrease
PLATE GLASS						
Works #6	1,363,328	-	2	-	1.1	100% decrease
Works #1	7,337,919	9	13	1.2	1.7	29% decrease
Works #4	4,477,224	6	11	1.3	2.5	48% decrease
Works #9	6,140,081	31	33	5.0	5.6	11% decrease
Works #7	987,084	8	2	8.1	7.9	25% increase
Total	20,305,636	54	61	2.7	2.9	7% decrease
WINDOW GLASS						
Works #12	2,281,463	12	24	5.3	9.5	44% decrease
Works #10	1,318,865	12	15	9.1	9.0	1% increase
Works #11	1,568,462	19	21	12.1	9.9	22% increase
Total	5,168,790	43	60	8.3	9.5	13% decrease
FIBER GLASS						
Works #50	981,229	3	8	3.1	8.4	63% decrease
Works #51	544,089	8	28	14.7	41.3	64% decrease
Total	1,525,318	11	36	7.2	22.1	67% decrease

		D A Y S L O S T		S E V E R I T Y		S E V E R I T Y
						C O M P A R I S O N
	MAN HOURS	1957	1956	1957	1956	
GLASS DIVISION	31,997,485	10,224	8,449	320	260	23% increase
Glass Research	741,858	-	6	-	9	100% decrease
Gas Department	103,457	-	65	-	627	100% decrease
Works #3	490,586	5	-	10	-	100% increase
Works #21	317,518	16	10	50	44	14% increase
Works #25	750,965	83	18	111	29	283% increase
Works #19	370,262	141	53	384	138	178% increase
Works #2	441,853	300	-	679	-	100% increase
Creighton Coalworks	59,002	91	-	1542	-	100% increase
PGH. CORNING CORP.						
Port Allegany	1,148,361	-	124	-	98	100% decrease
Sedalia	573,879	278	72	484	109	344% increase
Total	1,722,240	278	196	161	102	58% increase
PLATE GLASS						
Works #6	1,363,328	-	97	-	53	100% decrease
Works #1	7,337,919	257	2,244	35	286	88% decrease
Works #7	987,084	88	40	82	158	48% decrease
Works #9	6,140,081	1,309	1,670	213	284	25% decrease
Works #4	4,477,224	6,403	507	1430	114	1154% increase
Total	20,305,636	8,057	4,558	397	222	79% increase
WINDOW GLASS						
Works #12	2,281,463	352	855	154	338	54% decrease
Works #11	1,568,462	407	1,026	235	480	51% decrease
Works #10	1,318,865	386	610	293	366	20% decrease
Total	5,168,790	1,145	2,491	222	394	44% decrease
FIBER GLASS						
Works #50	981,229	12	413	12	433	97% decrease
Works #51	544,089	96	704	176	1037	83% decrease
Total	1,525,318	108	1,117	71	684	90% decrease



COLUMBIA-SOUTHERN CHEMICAL CORPORATION

Industrial Injury Report

Y E A R - 1 9 5 7

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY COMPARISON</u>
		<u>1957</u>	<u>1956</u>	<u>1957</u>	<u>1956</u>	
<u>CHEMICAL DIVISION</u>	10,509,677	45	75	4.3	7.8	45% decrease
Natrium	2,036,844	4	10	2.0	5.2	62% decrease
Barberton	3,863,842	9	23	2.3	6.2	63% decrease
Corpus Christi	1,641,842	4	10	2.4	6.2	61% decrease
Barberton Mine	573,167	2	8	3.5	13.4	74% decrease
Zanesville	788,167	3	-	3.8	-	100% increase
Standard Chemical	215,293	1	-	4.6	-	100% increase
Lake Charles	859,051	4	-	4.7	-	100% increase
Jersey City	391,837	13	18	33.2	43.0	23% decrease
Bartlett	139,634	5	6	35.8	48.3	26% decrease
<u>COAL DIVISION</u>	385,404	15	21	38.9	57.7	33% decrease
Midvale	385,404	15	21	38.9	57.7	33% decrease

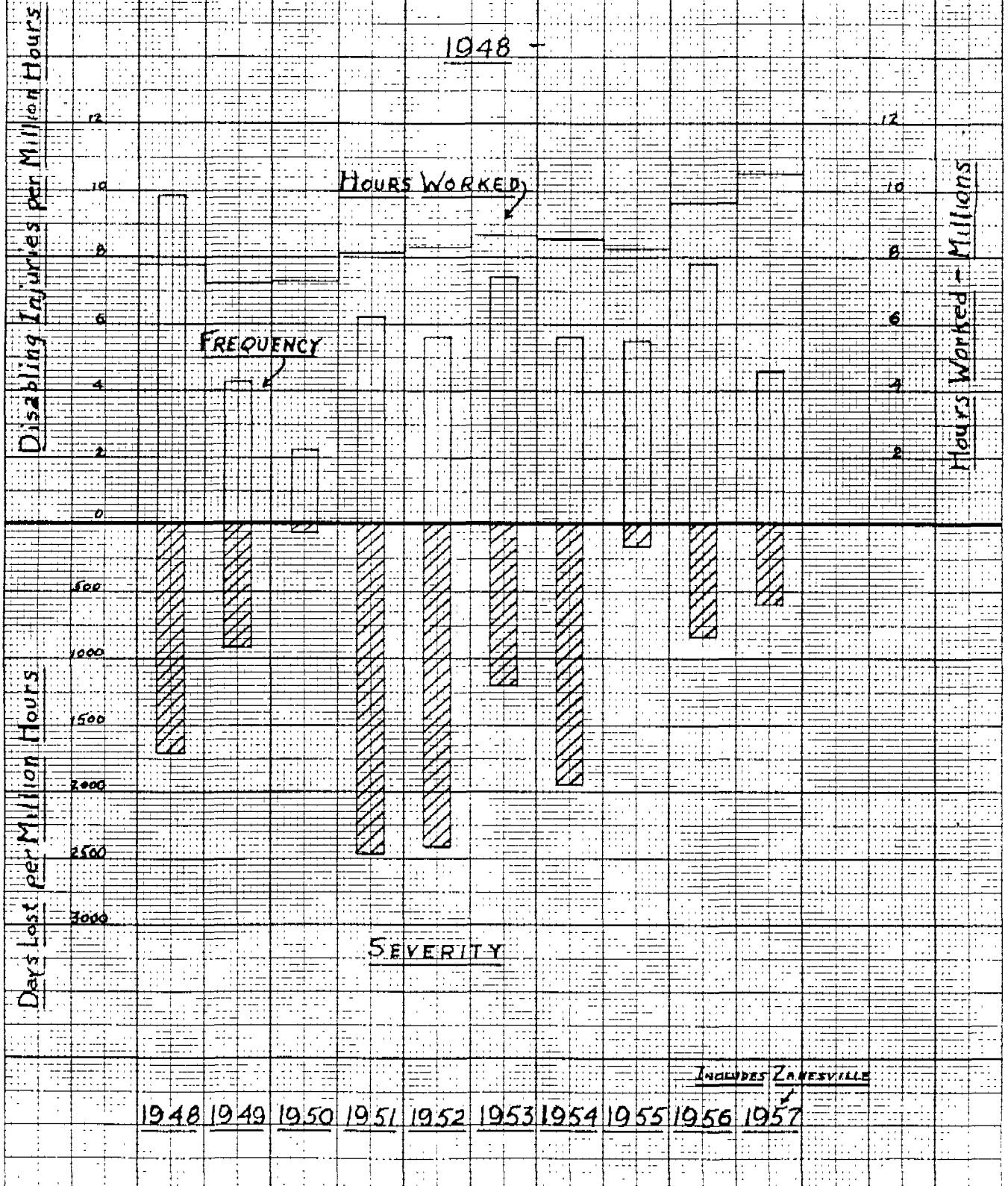
	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY COMPARISON</u>
		<u>1957</u>	<u>1956</u>	<u>1957</u>	<u>1956</u>	
<u>CHEMICAL DIVISION</u>	10,509,677	6,300	8,033	599	832	28% decrease
Barberton Mine	573,167	56	6,385	98	10660	99% decrease
Natrium	2,036,844	245	201	120	105	14% increase
Barberton	3,863,842	543	814	141	218	35% decrease
Lake Charles	859,051	142	-	165	-	100% increase
Standard Chemical	215,293	47	-	218	-	100% increase
Zanesville	788,167	186	-	236	-	100% increase
Jersey City	391,837	289	298	738	712	4% increase
Bartlett	139,634	245	57	1755	459	282% increase
Corpus Christi	1,641,842	4,547	278	2769	172	1509% increase
<u>COAL DIVISION</u>	385,404	1,553	6,996	4030	19236	79% decrease
Midvale	385,404	1,553	6,996	4030	19236	79% decrease

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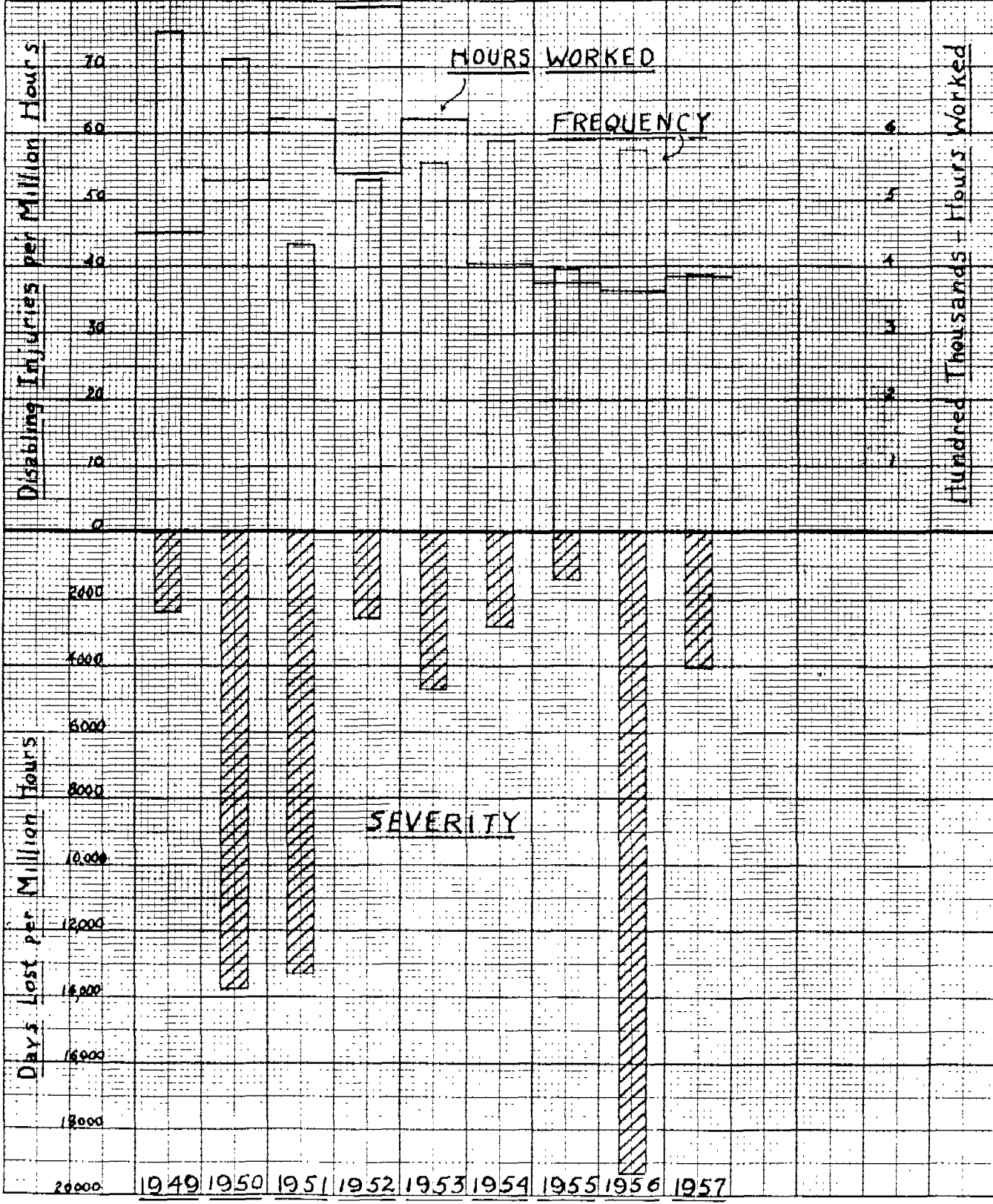
COLUMBIA - SOUTHERN CHEMICAL CORPORATION

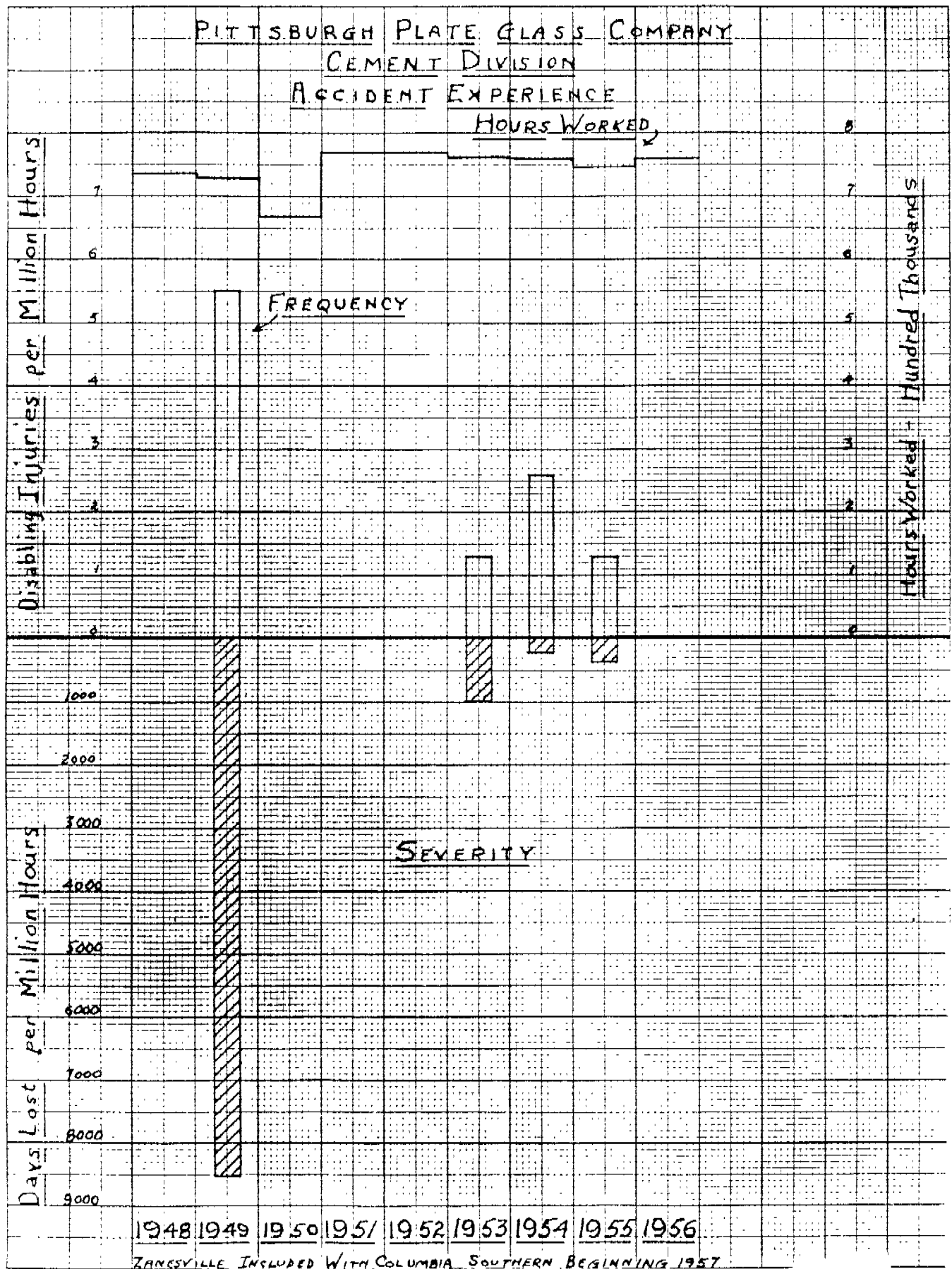
ACCIDENT EXPERIENCE

1948 -



COAL DIVISION ACCIDENT EXPERIENCE 1949 -





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PITTSBURGH PLATE GLASS COMPANY

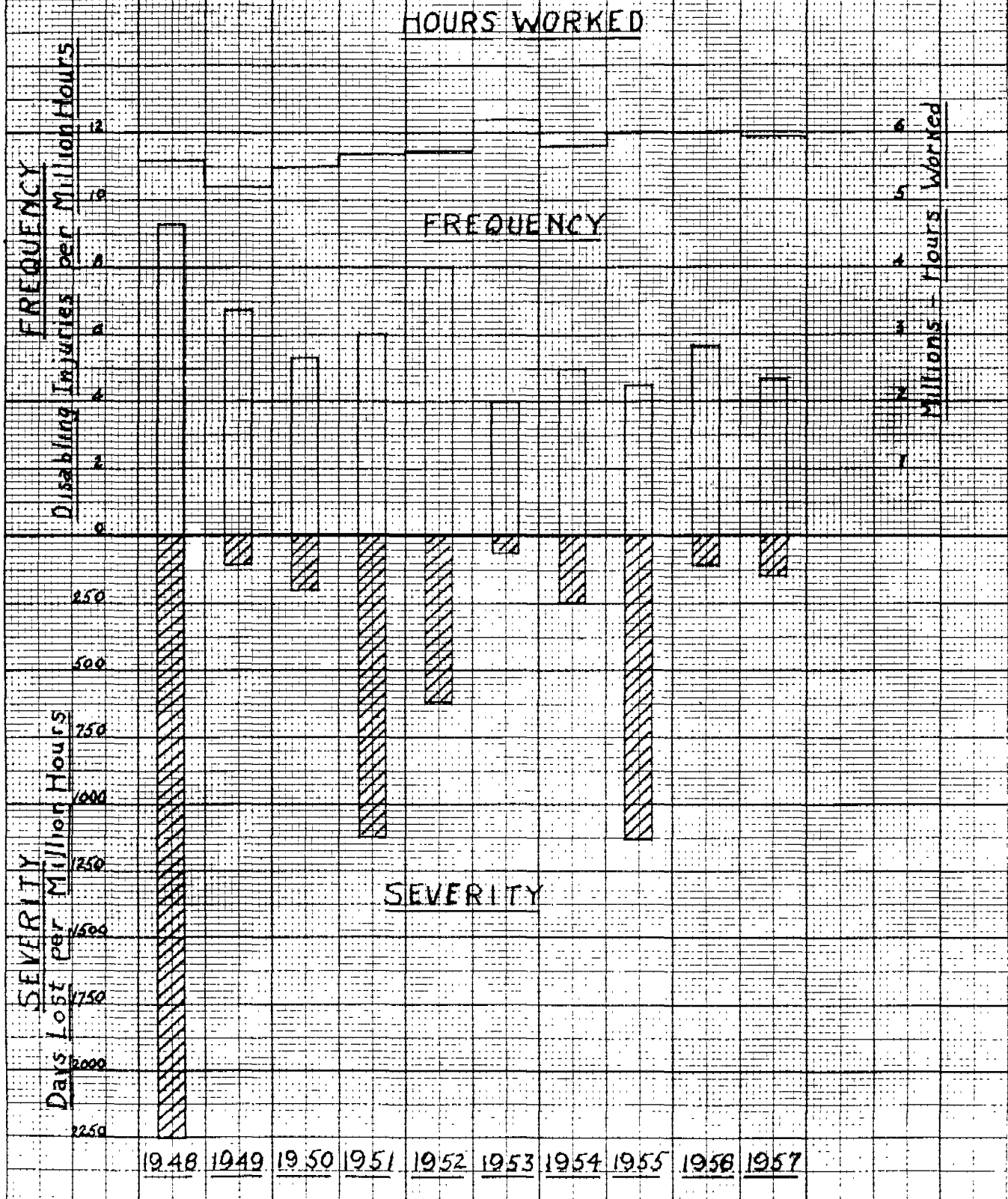
Industrial Injury Report

Y E A R - 1 9 5 7

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1957	1956	1957	1956	
<u>PAINT DIVISION</u>	5,939,192	28	34	4.7	5.7	18% decrease
Milwaukee	1,041,027	-	3	-	2.8	100% decrease
Torrance	434,462	-	2	-	4.9	100% decrease
Forbes	411,354	-	-	-	-	Same as 1956
Houston	289,804	-	-	-	-	Same as 1956
Paint Research	245,487	-	-	-	-	Same as 1956
Atlanta	227,007	-	1	-	4.8	100% decrease
Ditzler Sales	226,360	-	-	-	-	Same as 1956
Thresher	122,991	-	1	-	6.4	100% decrease
Portland	94,272	-	-	-	-	Same as 1956
Ditzler	855,051	1	2	1.2	2.3	48% decrease
Springdale	541,786	1	-	1.8	-	100% increase
Red Wing	183,828	1	2	5.4	10.8	50% decrease
Suydam	235,898	2	4	8.5	15.9	47% decrease
Providence	98,566	1	3	10.1	26.0	61% decrease
Newark	736,440	12	12	16.3	15.7	4% increase
Moorestown	194,859	10	4	51.3	22.2	131% increase

	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1957	1956	1957	1956	
<u>PAINT DIVISION</u>	5,939,192	771	659	147	110	34% increase
Milwaukee	1,041,027	-	138	-	131	100% decrease
Torrance	434,462	-	5	-	12	100% decrease
Forbes	411,354	-	-	-	-	Same as 1956
Houston	289,804	-	-	-	-	Same as 1956
Paint Research	245,487	-	-	-	-	Same as 1956
Atlanta	227,007	-	4	-	19	100% decrease
Ditzler Sales	226,360	-	-	-	-	Same as 1956
Thresher	122,991	-	57	-	365	100% decrease
Portland	94,272	-	-	-	-	Same as 1956
Ditzler	855,051	12	13	14	15	7% decrease
Red Wing	183,828	4	11	22	59	63% decrease
Providence	98,566	4	90	41	780	95% decrease
Suydam	235,898	15	44	64	175	63% decrease
Springdale	541,786	41	-	76	-	100% increase
Moorestown	194,859	109	7	559	39	1333% increase
Newark	736,440	586	290	796	379	99% increase

PAINT DIVISION ACCIDENT EXPERIENCE 1948 -



PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

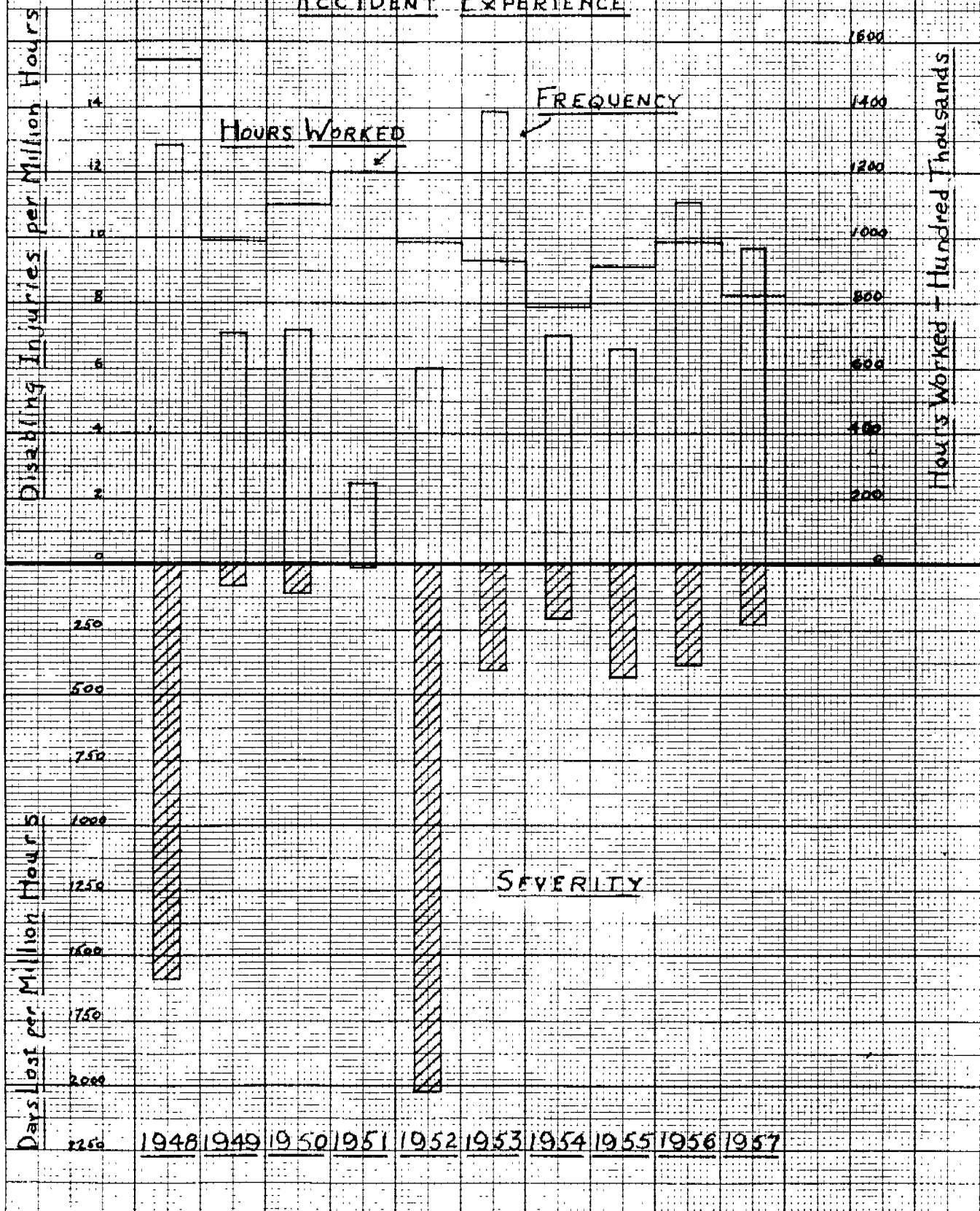
Y E A R - 1 9 5 7

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY</u>
		<u>1957</u>	<u>1956</u>	<u>1957</u>	<u>1956</u>	<u>COMPARISON</u>
<u>BRUSH DIVISION</u>	824,275	8	11	9.7	11.1	13% decrease
Baltimore	597,565	-	1	-	1.5	100% decrease
Morck	63,983	1	1	15.6	9.6	63% increase
Keene	162,727	7	9	43.0	43.7	2% decrease

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY</u>
		<u>1957</u>	<u>1956</u>	<u>1957</u>	<u>1956</u>	<u>COMPARISON</u>
<u>BRUSH DIVISION</u>	824,275	192	384	233	387	40% decrease
Baltimore	597,565	-	150	-	220	100% decrease
Morck	63,983	4	8	63	77	18% decrease
Keene	162,727	188	226	1155	1097	5% increase

SL 104220

PITTSBURGH PLATE GLASS COMPANY BRUSH DIVISION ACCIDENT EXPERIENCE



COMPARATIVE REPORT
Y E A R - 1 9 5 7

WORKS	MAN HOURS	LOST TIME 1957	CASES 1956	DAYS LOST	SEVERITY RATE PER 1,000,000 HRS.	SEVERITY COMPARISON WITH 1956
<u>GROUP "A"</u>						
Works #6	1,363,328	-	2	-	-	100% decrease
Port Allegany	1,148,361	-	4	-	-	100% decrease
Milwaukee	1,041,027	-	3	-	-	100% decrease
Works #1	7,337,919	9	13	257	35	88% decrease
Natrum	2,036,844	4	10	245	120	14% increase
Barberton	3,863,842	9	23	543	141	35% decrease
Works #12	2,281,463	12	24	352	154	54% decrease
Works #9	6,140,081	31	30	1,309	213	22% decrease
Works #11	1,568,462	19	21	407	235	51% decrease
Works #10	1,318,865	12	15	386	293	20% decrease
Works #4	4,477,224	6	11	6,403	1430	1154% increase
Corpus Christi	1,641,842	4	10	4,547	2769	1509% increase
<u>GROUP "B"</u>						
Glass Research	741,858	-	1	-	-	100% decrease
Baltimore	597,565	-	1	-	-	100% decrease
Torrance	434,462	-	2	-	-	100% decrease
Forbes	411,354	-	-	-	-	Same as 1956
Works #3	490,586	1	-	5	10	100% increase
Works #50	981,229	3	8	12	12	97% decrease
Ditzler	855,051	1	2	12	14	7% decrease
Works #21	317,518	5	3	16	50	14% increase
Springdale	541,786	1	-	41	76	100% increase
Works #7	987,084	8	2	88	82	48% decrease
Barberton Mine	573,167	2	8	56	98	99% decrease
Works #25	750,965	5	5	83	111	283% increase
Lake Charles	859,051	4	-	142	165	100% increase
Works #51	544,089	8	28	96	176	83% decrease
Zanesville	788,167	3	-	186	236	100% increase
Works #19	370,262	3	2	141	384	178% increase
Sedalia	573,879	8	6	278	484	344% increase
Works #2	441,853	1	-	300	679	100% increase
Jersey City	391,837	13	18	289	738	4% increase
Newark	736,440	12	12	586	796	99% increase
Midvale	385,404	15	21	1,553	4030	79% decrease
<u>GROUP "C"</u>						
Houston	289,804	-	-	-	-	Same as 1956
Paint Research	245,487	-	-	-	-	Same as 1956
Atlanta	227,007	-	1	-	-	100% decrease
Ditzler Sales	226,360	-	-	-	-	Same as 1956
Thresher	122,991	-	1	-	-	100% decrease
Gas Department	103,457	-	2	-	-	100% decrease
Portland	94,272	-	-	-	-	Same as 1956
Red Wing	183,828	1	2	4	22	63% decrease
Providence	98,566	1	3	4	41	95% decrease
Morck	63,983	1	1	4	63	18% decrease
Suydam	235,898	2	4	15	64	53% decrease
Standard Chemical	215,293	1	-	47	218	100% increase
Moorestown	194,859	10	4	109	559	333% increase
Keene	162,727	7	9	188	1155	% increase
Creighton Coalwks.	59,002	1	-	91	1542	00% increase
Bartlett	139,634	5	6	245	1755	82% increase

SL 104222

DISTRIBUTION
LOST TIME INJURIES
PERIODS OF DISABILITY
1 2 5 7

NUMBER OF CASES CAUSING DISABILITY OF

PLANT	1 - 7 days	8 - 14 days	15 - 21 days	22 - 28 days	Over 28 days
Works No. 1	-	3	3	-	3
Creighton Coalworks	-	-	-	-	1
Works No. 3	1	-	-	-	-
Works No. 4	-	-	-	1	5
Works No. 6	-	-	-	-	-
Works No. 2	-	-	-	-	1
Gas Department	-	-	-	-	-
Works No. 7	4	2	1	1	-
Works No. 9	2	3	6	6	14
Works No. 10	5	3	-	-	4
Works No. 11	9	2	1	-	7
Works No. 12	2	4	1	-	5
Works No. 17	-	-	-	-	-
Works No. 19	1	1	-	-	1
Works No. 21	5	-	-	-	-
Works No. 25	3	-	-	1	1
Works No. 50	3	-	-	-	-
Works No. 51	3	2	1	2	-
Port Allegany	-	-	-	-	-
Sedalia	3	1	-	1	3
Atlanta	-	-	-	-	-
Baltimore	-	-	-	-	-
Barberton	1	1	3	-	4
Barberton Mine	-	1	-	-	1
Bartlett	2	1	-	1	1
Corpus Christi	-	1	2	-	1
Ditzler	-	1	-	-	-
Ditzler Sales	-	-	-	-	-
Forbes	-	-	-	-	-
Houston	-	-	-	-	-
Jersey City	2	6	2	-	3
Keene	3	2	-	1	1
Lake Charles	-	-	2	-	2
Midvale	4	1	-	-	10
Milwaukee	-	-	-	-	-
Moorestown	8	1	-	-	1
Morck	1	-	-	-	-
New Martinsville	1	-	-	-	3
Newark	5	2	1	1	3
Paint Research	-	-	-	-	-
Portland	-	-	-	-	-
Providence	1	-	-	-	-
Red Wing	1	-	-	-	-
Springdale	-	-	-	-	1
Standard Chemical	-	-	-	-	1
Suydam	1	1	-	-	-
Thresher	-	-	-	-	-
Torrance	-	-	-	-	-
Zanesville	1	-	-	-	2
TOTAL	72	39	23	15	79
PER CENT OF TOTAL	32%	17%	10%	7%	34%

SL 104223

1 2 5 7

SUMMARY - DISABLING INJURIES

CAUSES AND TYPES

			<u>NUMBER</u>		<u>%</u>
STRAINS AND SPRAINS			65	-	29
Back	39	Leg	2		
Ankle	8	Hip	1		
Knee	6	Shoulder	1		
Groin	2	Rib	1		
Wrist	2	Scrotum	1		
Thumb	2				
OBJECTS			55	-	24
Struck By	41				
Struck Against	14				
GLASS			35	-	15
Struck By	27				
Struck Against	8				
FALLS			30	-	13
Lower Level	19				
Same Level	11				
CAUGHT BETWEEN			20	-	9
BURNS			14	-	6
Chemical	8				
Thermal	4				
Electrical	2				
OCCUPATIONAL DISEASE			6		
Dermatitis	4				
Toxic Chemicals	1				
Heat Exhaustion	1				4
INFECTIONS			1		
MOTOR VEHICLES			2		

AGE GROUP

18 to 20 years old	2
21 to 25 years old	35
26 to 30 years old	27
31 to 40 years old	68
41 to 50 years old	46
51 to 60 years old	37
61 to 70 years old	11
71 and over	2

LENGTH OF SERVICE

Under 6 months	23
6 months to 1 year	13
1 year to 2 years	12
2 years	10
3 years	5
4 years	10
5 years	6
6 to 10 years	60
11 to 20 years	58
21 to 30 years	21
31 to 40 years	8
41 to 50 years	2

SL 104224

HERNIA CASES - 1957

<u>PLANT</u>	<u>NUMBER OF CASES</u>	<u>DAYS LOST</u>
Works No. 1	4	173
Works No. 17	1	42
Works No. 4	4	245
Works No. 6	1	62
Works No. 9	3	245
Works No. 11	5	286
Works No. 51	1	24
Port Allegany	1	28
Sedalia	1	62
Barberton	1	28
Ditzler Sales	2	62
Midvale	1	56
Milwaukee	1	36
Red Wing	1	56
Springdale	1	55
Torrance	<u>1</u>	<u>40</u>
 TOTAL	 29	 1,500

SL 104225

PITTSBURGH
 PLATE GLASS COMPANY

PLANT OR WORKS	HOURS WORKED	LOST TIME INJURIES	RATE PER 1,000,000 HOURS	COMP. RATE 1956 60	COMPARATIVE INJURY CHART FREQUENCY
FORBES	399,342 411,354	-	-	-	
HOUSTON	278,120 289,804	-	-	-	YEAR 1956 _____ 1957 _____
PAINT RES.	207,254 245,487	-	-	-	
DITZ SALES	226,752 226,360	-	-	-	
PORTLAND	97,053 94,272	-	-	-	
GEN. OFFICE	1,944,866 1,958,795	2	1.0	-	
WORKS #6	1,850,100 1,363,328	2	1.1	-	
PORT. ALL.	1,260,591 1,148,361	4	3.2	-	
MILWAUKEE	1,056,375 1,041,027	3	2.8	-	
GLASS RES.	645,972 741,858	1	1.5	-	
BALTIMORE	681,576 597,565	1	1.5	-	
TORRANCE	404,204 434,462	2	4.9	-	
ATLANTA	207,453 227,007	1	4.8	-	
THRESHER	156,348 122,991	1	6.4	-	
GAS DEPT.	103,435 103,457	2	19.3	-	
WORKS #1	7,850,009 7,337,919	13	1.7	-	
DITZLER	884,756 855,051	2	2.3	-	
WORKS #4	4,467,169 4,477,224	11	2.5	-	
SPRINGDALE	571,884 541,786	6	1.3	-	
NATRIUM	1,922,726 2,036,844	10	5.2	-	
WORKS #3	2,036,844 584,072	4	2.0	-	
WORKS #2	490,586 460,877	1	2.0	-	
BARBERTON	441,853 3,739,742	1	2.3	-	
CORPUS CH.	3,863,842 1,618,784	23	6.2	-	
WORKS #50	954,460 981,229	9	2.3	-	
BARB. MINE	1,618,784 573,167	10	6.2	-	
ZANESVILLE	954,460 759,532	8	8.4	-	
STANDARD CHEMICAL	981,229 788,167	3	3.1	-	
LAKE CH.	598,995 978,193	8	13.4	-	
WORKS #9	573,167 859,051	2	3.5	-	
WORKS #12	759,532 5,879,121	-	3.8	-	
RED WING	788,167 6,140,081	3	4.6	-	
WORKS #25	250,602 2,526,200	1	4.7	-	
WORKS #7	215,293 2,281,463	4	5.1	-	
WORKS #19	859,051 185,531	4	5.0	-	
SUYDAM	5,879,121 183,828	30	9.5	-	
WORKS #10	6,140,081 626,504	31	5.3	-	
PROVIDENCE	2,526,200 750,965	24	10.8	-	
SEDALIA	2,281,463 *253,419	12	5.4	-	
WORKS #51	185,531 987,084	2	8.0	-	
MORCK	987,084 382,867	8	6.7	-	
WORKS #21	382,867 370,262	2	7.9	-	
NEWARK	370,262 251,299	3	8.1	-	
CREIGHTON COALWORKS	251,299 235,898	4	8.5	-	
JER. CITY	235,898 1,667,921	2	9.0	-	
BARTLETT	1,667,921 1,318,865	15	9.1	-	
MIDVALE	1,318,865 113,383	12	26.0	-	
KEENE	113,383 98,566	3	10.1	-	
MOORESTOWN	98,566 2,122,688	1	9.9	-	
YEAR	1,568,462 662,126	19	12.1	-	
1957	662,126 571,879	6	9.1	-	
1956	571,879 677,884	8	13.9	-	
	677,884 544,089	28	41.3	-	
	544,089 104,140	8	14.7	-	
	104,140 63,983	1	9.6	-	
	63,983 225,700	1	15.6	-	
	225,700 317,518	3	13.3	-	
	317,518 765,037	5	15.7	-	
	765,037 736,440	12	15.7	-	
	736,440 67,173	12	16.3	-	
	67,173 52,002	-	-	-	
	52,002 418,256	1	16.9	-	
	418,256 391,837	18	43.0	-	
	391,837 124,243	13	33.2	-	
	124,243 139,434	6	48.3	-	
	139,434 363,495	5	35.8	-	
	363,495 385,404	21	57.7	-	
	385,404 206,013	15	38.9	-	
	206,013 162,727	9	43.7	-	
	162,727 180,182	7	43.0	-	
	180,182 194,859	4	22.2	-	
	194,859	10	51.3	-	
1957	51,614,828	228	4.4	-	
1956	52,946,664	326	6.2	-	

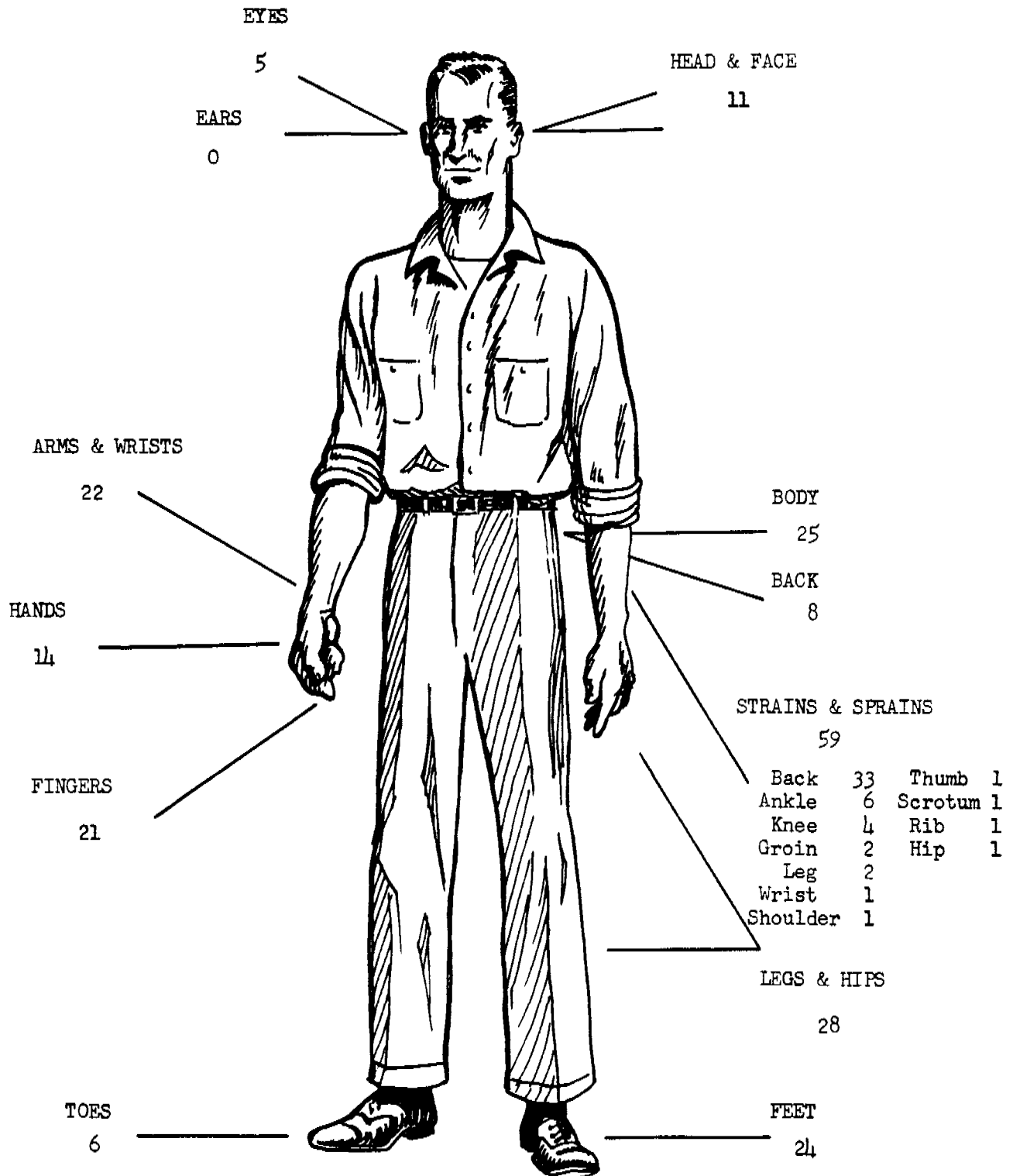
*INCOMPLETE YEAR

DECREASE 29%

Y E A R - 1 9 5 7

GENERAL INJURIES
(Not specific)

4



FATALITY - 1

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SL 104226

1957
FATAL AND PERMANENT PARTIAL DISABILITY CASES

FATAL CASE

Works No. 4

Case No. 57-4072

3/24/57

Time Charge - 6,000 Days

Service: 42 years

The yokes had been removed from a rack of our piles of 3/4" rough glass before the craneman had cleared the hook. In clearing the hook, the rack was lifted by the crane which caused six plates 95" x 131" x 3/4" to fall off the rack. Three plates fell on deceased and he died immediately.

PERMANENT PARTIAL DISABILITIES

Works No. 2

Case No. 57-4422

4/2/57

Time Charge - 300 Days

Service: 7 months

Steadying grab bucket, feet slipped in sand on floor, thumb slipped between stops of bucket. Amputation distal phalanx 2/3 left thumb.

Works No. 9

Case No. 57-2253

9/11/57

Time Charge - 150 Days

Service: 36 years

Injured claims he was holding plate of glass up off the table to remove a piece of stob wood which had gotten under the plate, and with the ribbon moving, he bumped into the roller frame and the distal end of the left middle finger was caught between the edge of the glass causing an amputation of the distal end at the base of the nail. Avulsion of left middle finger at base of nail.

Works No. 19

Case No. 57-2

1/9/57

Time Charge - 135 Days

Service: 9 1/2 years

Injured was repairing a lathe and it was necessary to turn spindle by hand in order to match up the gears. While turning the spindle with a chuck wrench, a lever was accidentally bumped throwing the lathe into gear. The spindle was immediately thrown into action and the employee's fingers were pinched between the chuck wrench and the bed of lathe. Tip end of 2nd and 3rd fingers right hand amputated.

Corpus Christi

Case No. 57-9633

9/9/57

Time Charge - 4,500 Days

Service: 23 years

Removing wire from #3 Bicarb filter wheel in Process Department, lost his balance and fell on wheel, left leg was crushed between wheel and roller. Crushed left foot, knee and calf necessitating amputation above the left knee.

Midvale Mine

Case No. 57-32

6/7/57

Time Charge - 900 Days

Service: 7 years 7 months

While coupling rail truck to a mine jeep, five mine cars of rock dust which were parked nearby on a grade came off the grade and caught injured's hand between the rail truck coupling and the jeep. Severe crushing injury to right hand, right thumb amputated.

SL 104227