

PITTSBURGH PLATE GLASS COMPANY



GENERAL OFFICES
ONE GATEWAY CENTER PITTSBURGH 22 PA

February 19, 1954

SAFETY DEPARTMENT

ANNUAL REPORT

1953

The annual report for the year 1953 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.

Two units were added to our report for the year, namely the Columbia Coal Mine at Benwood, West Virginia and Works No. 21, Twindoweld Plant of Lincoln, Illinois. The record for Columbia Mine is for the entire year while Works No. 21 was first listed in May, giving them an eight months period of reporting.

The comparison of the years 1952-1953 shows for 1953 an increase in hours worked of 5.3% to a record high for our company; an increase of 16% in the Frequency Rate of accidents but a reduction of 53% in the Severity Rate.

The Paint Division showed a reduction of 50% in the Frequency Rate and a reduction of 90% in Severity Rate for one of the best records of that Division. The other Divisions showed increases in Frequency but, with the exception of the Cement Division, reductions in the Severity Rate ranging from twenty-six percent to eighty percent.

Nine organizations completed the calendar year without a lost time injury and will receive the company "Certificate of Honor". Our congratulations to these organizations.

- Glass Division Research - Completed third consecutive year
- Works #19, Kokomo - Completed second consecutive year
- Gas Wells & Lines - Completed first no-accident year
- Atlanta Paint - Completed first no-accident year
- Ditzler Paint - Completed first no-accident year
- Houston Paint - Completed first no-accident year
- Moorestown - Completed first no-accident year
- Portland Paint - Completed first no-accident year
- Torrance Paint - Completed first no-accident year

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Fifteen Additional organizations had records better than the injury Frequency Rate of the Company for 1953, and will be awarded the company's "Certificate of Merit" in recognition of their achievement.

Works #1 Glass Plant, Creighton, Pennsylvania
Works #3 Glass Plant, Creighton, Pennsylvania
Works #4 Glass Plant, Ford City, Pennsylvania
Works #6 Glass Plant, Ford City, Pennsylvania
Works #9 Glass Plant, Crystal City, Missouri
Shop #2 Ford City, Pennsylvania
Baltimore Brush Plant, Baltimore, Maryland
Milwaukee Paint Plant, Milwaukee, Wisconsin
Newark Paint Plant, Newark, New Jersey
Springdale Paint Plant, Springdale, Pennsylvania
Zanesville Cement Plant, Zanesville, Ohio
Columbia-Southern Chemical Plant - Corpus Christi, Texas
Columbia-Southern Chemical Plant - Lake Charles, Louisiana
Columbia-Southern Chemical Plant - New Martinsville, West Virginia
Pittsburgh Corning Plant - Port Allegany, Pennsylvania

The Severity Rate of the Company, not including penalty days assessed for a fatality, is .329 and eighteen organizations had records lower than the Company rate for 1953.

In addition to the nine organizations with clear records, nineteen others showed a reduction in their Frequency Rate and twenty-one reductions in their Severity Rate.

There was one employee fatally injured during the year. This fatality occurred at the Barberton Plant of the Columbia-Southern Chemical Corporation as the result of an explosion of a solvent storage tank. We were assessed a penalty of 6,000 lost days for this fatality. Thirteen injuries resulted in permanent partial disabilities. Two of these cases resulted in the loss of vision in one eye. The remaining cases were amputations of toes or fingers or parts of same. The penalty days charged varies according to the specific injuries and the sum total of our penalty days amounted to 7,200.

The analysis of the disabling injuries shows that 24% were caused by either "striking against" or "being struck by objects", while those incident to "handling glass" caused 21%. "Sprains and strains" accounted for 19%, with back cases being 57% of the total. "Falls" accounted for 13% of which 60% were due to slipping or tripping at floor level. "Caught between" accounted for 11% but several of these resulted in permanent partial injuries. Mechanical safeguards were not lacking where machinery was involved, but faulty operation of equipment or failure to properly lock out equipment, caused these injuries. Again we stress the proper training of employees and a checkup to determine that procedure outlined is being followed.

The yearly physical examination of employees exposed to silica or asbestos dust in the Glass Division has been continued and during the year only one employee of the Glass Division became disabled due to silicosis. This case occurred at Works #4, Ford City and was of long standing. The employee did not become totally disabled until July of this year.

We are continuing the use of aluminum dust therapy treatments for those employees exposed to silica at our Creighton and Ford City plants. One hundred and six employees received treatment during the year, which totalled approximately two thousand four hundred and fifty individual treatments.

In the Paint Division those employees who are exposed to lead dust are being examined regularly and results have been very favorable. This program is especially effective in the Dry Color Corona Plant at Milwaukee.

In the Columbia-Southern Chemical Plants, chest x-ray examinations and routine blood tests are made of employees exposed to various toxic substances. This program is continuing and no doubt will expand in the future as various other chemical products are manufactured.

One third of the disabling injuries occurred to employees under thirty years of age. Fifty-five percent occurred to employees with five years or less service. This leaves 67% of our injuries occurring to persons from 30 to 80 years of age and 45% with length of service from 6 to 40 years.

Proper placement of employees according to physical qualifications and mental ability and "on the job" training of new employees and those transferred to other jobs, should materially aid in the prevention of injuries due to physical inability and inexperience. The importance of training employees transferred from one position, or department, to another cannot be stressed too forcibly.

Housekeeping in our plants has received major attention during the year and most units have shown vast improvement. This is of prime importance from the standpoint of fire prevention, industrial hygiene and employee morale. In-plant committee inspections are being conducted regularly, noting conditions of housekeeping and fire protection and this is supplemented by inspections made by fire insurance inspectors and by personnel of this office on periodical visits to the plants.

During the past years we have continually stressed the importance of having ample fire protective equipment and in-plant trained fire brigades. Further impetus was given this program by the number of major fires occurring in industrial establishments during the year. We have exceptionally efficient trained brigades in some of our organizations and others are progressing rapidly through their training program to develop a fire safe organization. We are following this program of preparedness in all plants of our company.

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Although our records for 1953 did not equal our low record for 1952, nevertheless, I feel that progress has been made in each organization and that better results from our safety and fire prevention activities should be forthcoming.

We wish to express our thanks and appreciation for your interest and fine spirit of cooperation and trust that our mutual efforts will result in improvement in the future.

Respectfully submitted,



Thos. R. Donoghue
Director of Safety

TRD:kb

Enclosures

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PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Y E A R - 1 9 5 3

FREQUENCY

	MAN HOURS	LOST TIME INJURIES 1953	1952	FREQUENCY 1953	1952	FREQUENCY COMPARISON
<u>PGH. PLATE GLASS CO.</u>	50,005,124	365	298	7.3	6.3	16% increase
General Office	1,612,014	2	1	1.2	.6	50% increase
Cement Division	764,675	1	-	1.3	-	100% increase
Paint Division	6,212,049	25	46	4.0	8.0	50% decrease
Glass Division	31,234,609	225	170	7.2	5.8	24% increase
Col.-So. (Chem.)	8,623,481	64	46	7.4	5.6	32% increase
Brush Division	933,384	13	6	13.9	6.0	132% increase
Col.-So. (Coal)	624,912	35	29	56.0	53.4	5% increase

SEVERITY

	MAN HOURS	DAYS LOST 1953	1952	SEVERITY 1953	1952	SEVERITY COMPARISON
<u>PGH. PLATE GLASS CO.</u>	50,005,124	22,468	45,141	.45	.95	53% decrease
General Office	1,612,014	5	52	.01	.03	90% decrease
Paint Division	6,212,049	376	3,563	.06	.62	90% decrease
Glass Division	31,234,609	9,463	18,454	.30	.63	52% decrease
Brush Division	933,384	382	2,005	.41	2.02	80% decrease
Cement Division	764,675	750	-	.98	-	100% increase
Col.-So. (Chem.)	8,623,481	10,334	19,697	1.20	2.38	50% decrease
Col.-So. (Coal)	624,912	1,158	1,370	1.85	2.53	26% decrease

COMPARATIVE REPORT FIVE PREVIOUS YEARS

	MAN HOURS	LOST TIME INJURIES	FREQUENCY RATING	DAYS LOST	SEVERITY RATING
1952	47,486,768	298	6.3	45,141	.95
1951	48,930,006	319	6.5	42,784	.87
1950	44,594,972	281	6.3	19,700	.442
1949	40,931,200	272	6.64	17,333	.423
1948	43,460,315	377	8.67	39,775	.915

FREQUENCY RATE

SEVERITY RATE

Average Rate Previous Five Years
Rate for 1953

6.9
7.3

.73
.45

COLUMBIA-SOUTHERN CHEMICAL CORPORATION

Industrial Injury Report

Y E A R - 1 9 5 3

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1953	1952	1953	1952	
<u>COL.-SO. CHEM. CORP.</u>	8,623,481	64	46	7.4	5.6	32% increase
Corpus Christi	1,576,037	2	3	1.3	2.3	43% decrease
Lake Charles	1,025,006	2	3	2.0	3.0	33% decrease
New Martinsville	1,584,895	10	8	6.3	5.2	21% increase
Barberton	3,726,425	39	20	10.5	5.4	94% increase
Barberton Mine	583,546	8	4	13.7	7.2	90% increase
Bartlett	127,572	3	8	23.5	67.5	65% decrease
<u>COAL DIVISION</u>	624,912	35	29	56.0	53.4	5% decrease
Midvale	466,325	17	29	36.5	53.4	32% decrease
Benwood	158,587	18	-	113.5	-	No Comparison

	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1953	1952	1953	1952	
<u>COL.-SO. CHEM. CORP.</u>	8,623,481	10,334	19,697	1.20	2.38	50% decrease
Lake Charles	1,025,006	9	2,110	.01	2.13	99% decrease
Corpus Christi	1,576,037	34	3,040	.02	2.28	99% decrease
New Martinsville	1,584,895	301	1,625	.19	1.05	82% decrease
Bartlett	127,572	46	38	.36	.32	13% increase
Barberton Mine	583,546	681	6,265	1.17	11.28	90% decrease
Barberton	3,726,425	9,263	6,619	2.49	1.78	39% increase
<u>COAL DIVISION</u>	624,912	1,158	1,370	1.85	2.53	26% decrease
Midvale	466,325	528	1,370	1.13	2.53	55% decrease
Benwood	158,587	630	-	3.97	-	No Comparison

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PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 3

	MAN HOURS	LOST TIME INJURIES 1953	1952	FREQUENCY 1953	1952	FREQUENCY COMPARISON
<u>CEMENT DIVISION</u>	764,675	1	-	1.3	-	100% increase
Zanesville	764,675	1	-	1.3	-	100% increase

	MAN HOURS	DAYS LOST 1953	1952	SEVERITY 1953	1952	SEVERITY COMPARISON
<u>CEMENT DIVISION</u>	764,675	750	-	.98	-	100% increase
Zanesville	764,675	750	-	.98	-	100% increase

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PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report
Divisional

Y E A R - 1 9 5 3

GLASS DIVISION	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1953	1952	1953	1952	
	31,234,609	225	170	7.2	5.8	24% increase
Glass Research	428,965	-	-	-	-	Same as 1952
Works #19	240,491	-	-	-	-	Same as 1952
Gas Dept.	98,083	-	1	-	10.2	100% decrease
Shop #2	411,087	1	-	2.4	-	100% increase
Works #3	583,249	3	1	5.1	1.8	184% increase
Works #21	119,046	2	-	16.8	-	No Comparison
PGH. CORNING CORP.						
Port Allegany	991,677	5	7	5.0	6.7	25% decrease
Sedalia	644,896	17	6	26.4	9.4	181% increase
Total	1,636,573	22	13	13.4	7.7	74% increase
PLATE GLASS						
Works #6	1,713,088	1	1	.6	.62	Same as 1952
Works #4	4,662,097	8	3	1.7	.66	152% increase
Works #1	8,075,213	32	22	4.0	2.8	43% increase
Works #9	6,699,302	31	33	4.6	5.0	8% decrease
Total	21,149,700	72	59	3.4	2.9	17% increase
WINDOW GLASS						
Works #12	2,220,161	17	17	7.7	8.1	5% decrease
Works #10	1,635,314	32	17	19.6	10.8	81% increase
Works #11	2,006,895	53	62	26.4	35.7	20% decrease
Total	5,862,370	102	96	17.4	17.7	2% decrease
FIBER GLASS						
Shelbyville	705,045	23	-	32.6	-	100% increase

GLASS DIVISION	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1953	1952	1953	1952	
	31,234,609	9,463	18,454	.30	.63	52% decrease
Glass Research	428,965	-	-	-	-	Same as 1952
Works #19	240,491	-	-	-	-	Same as 1952
Gas Dept.	98,083	-	14	-	.14	100% decrease
Shop #2	411,087	4	-	.01	-	100% increase
Works #21	119,046	17	-	.14	-	No Comparison
Works #3	583,249	111	13	.19	.02	850% increase
PGH. CORNING CORP.						
Port Allegany	991,677	50	108	.05	.10	50% decrease
Sedalia	644,896	253	100	.39	.16	144% increase
Total	1,636,573	303	208	.19	.12	58% increase
PLATE GLASS						
Works #1	8,075,213	828	1,602	.10	.20	50% decrease
Works #9	6,699,302	1,565	1,076	.23	.16	44% increase
Works #4	4,662,097	1,226	844	.26	.19	37% increase
Works #6	1,713,088	1,800	192	1.05	.12	775% increase
Total	21,149,700	5,419	3,714	.26	.18	44% increase
WINDOW GLASS						
Works #12	2,220,161	602	6,534	.27	3.12	91% decrease
Works #11	2,006,895	899	1,603	.45	.92	51% decrease
Works #10	1,635,314	1,572	6,368	.96	4.04	76% decrease
Total	5,862,370	3,073	14,505	.52	2.69	81% decrease
FIBER GLASS						
Shelbyville	705,045	536	-	.76	-	100% increase

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 3

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1953	1952	1953	1952	
<u>PAINT DIVISION</u>	6,212,049	25	46	4.0	8.0	50% decrease
Atlanta	212,854	-	-	-	-	Same as 1952
Ditzler	1,108,473	-	3	-	2.5	100% decrease
Torrance	398,144	-	1	-	2.6	100% decrease
Houston	284,614	-	3	-	11.0	100% decrease
Portland	103,098	-	3	-	28.6	100% decrease
Moorestown	190,727	-	7	-	49.1	100% decrease
Newark	839,744	1	9	1.2	10.6	89% decrease
Springdale	473,059	2	1	4.2	2.2	91% increase
Milwaukee	1,376,052	7	11	5.1	8.3	39% decrease
Ditzler Sales	145,342	1	-	6.9	-	No Comparison
Forbes	421,382	4	4	9.5	11.5	17% decrease
Thresher	186,875	2	2	10.7	11.8	9% decrease
Suydam	298,470	4	1	13.4	3.9	243% increase
Red Wing	173,215	4	1	23.1	5.9	291% increase

	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1953	1952	1953	1952	
<u>PAINT DIVISION</u>	6,212,049	376	3,563	.06	.62	90% decrease
Atlanta	212,854	-	-	-	-	Same as 1952
Torrance	398,144	-	4	-	.01	100% decrease
Ditzler	1,108,473	-	313	-	.26	100% decrease
Houston	284,614	-	75	-	.28	100% decrease
Moorestown	190,727	-	129	-	.90	100% increase
Portland	103,098	-	230	-	2.19	100% decrease
Ditzler Sales	145,342	1	-	.01	-	No Comparison
Newark	839,744	9	385	.01	.45	98% decrease
Forbes	421,382	17	20	.04	.06	33% decrease
Thresher	186,875	11	1,207	.06	7.14	99% decrease
Milwaukee	1,376,052	88	1,013	.06	.76	92% decrease
Springdale	473,059	68	181	.14	.40	65% decrease
Suydam	298,470	114	4	.38	.02	1800% increase
Red Wing	173,215	68	2	.39	.01	3800% increase

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PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 3

	MAN HOURS	LOST TIME INJURIES 1953	1952	FREQUENCY 1953	1952	FREQUENCY COMPARISON
<u>BRUSH DIVISION</u>	933,384	13	6	13.9	6.0	132% increase
Baltimore	710,335	4	5	5.6	6.3	11% decrease
Morck	83,940	2	-	23.8	-	100% increase
Keene	139,109	7	1	50.3	8.3	506% increase

	MAN HOURS	DAYS LOST 1953	1952	SEVERITY 1953	1952	SEVERITY COMPARISON
<u>BRUSH DIVISION</u>	933,384	382	2,005	.41	2.02	80% decrease
Morck	83,940	3	-	.04	-	100% increase
Baltimore	710,335	48	2,001	.07	2.50	97% decrease
Keene	139,109	331	4	2.38	.03	7833% increase

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COMPARATIVE REPORT

Y E A R - 1 9 5 3

WORKS	MAN HOURS	LOST TIME 1953	CASES 1952	DAYS LOST	SEVERITY RATE PER 1,000 HRS.	SEVERITY COMPARISON WITH 1952
<u>GROUP "A"</u>						
Ditzler	1,108,473	-	3	-	-	100% decrease
Lake Charles	1,025,006	2	3	9	.01	99% decrease
Corpus Christi	1,576,037	2	1	34	.02	99% decrease
Port Allegany	991,677	5	7	50	.05	50% decrease
Milwaukee	1,376,052	7	11	88	.06	92% decrease
Works #1	8,075,213	32	22	828	.10	50% decrease
New Martinsville	1,584,895	10	8	301	.19	82% decrease
Works #9	6,699,302	31	33	1565	.23	44% increase
Works #4	4,662,097	8	3	1226	.26	37% increase
Works #12	2,220,161	17	17	602	.27	91% decrease
Works #11	2,006,895	53	62	899	.45	51% decrease
Works #10	1,635,314	32	17	1572	.96	76% decrease
Works #6	1,713,088	1	1	1800	1.05	775% increase
Barberton	3,726,425	39	20	9263	2.49	39% increase
<u>GROUP "B"</u>						
Newark	839,744	1	9	9	.01	98% decrease
Baltimore	710,335	4	5	48	.07	97% decrease
Works #3	583,249	3	1	111	.19	850% increase
Sedalia	644,896	17	6	253	.39	144% increase
Shelbyville	705,045	23	-	536	.76	100% increase
Zanesville	764,675	1	-	750	.98	100% increase
Midvale	466,325	17	29	528	1.13	55% decrease
Barberton Mine	583,546	8	4	681	1.17	90% decrease
<u>GROUP "C"</u>						
Glass Research	428,965	-	-	-	-	Same as 1952
Works #19	240,491	-	-	-	-	Same as 1952
Atlanta	212,854	-	-	-	-	Same as 1952
Torrance	398,144	-	1	-	-	100% decrease
Gas Dept.	98,083	-	1	-	-	100% decrease
Houston	284,614	-	3	-	-	100% decrease
Moorestown	190,727	-	7	-	-	100% decrease
Portland	103,098	-	3	-	-	100% decrease
Ditzler Sales	145,342	1	-	1	.01	No Comparison
Shop #2	411,087	1	-	4	.01	100% increase
Forbes	421,382	4	4	17	.04	33% decrease
Morck	83,940	2	-	3	.04	100% increase
Thresher	186,875	2	2	11	.06	99% decrease
Works #21	119,046	2	-	17	.14	No Comparison
Springdale	473,059	2	1	68	.14	65% decrease
Bartlett	127,572	3	8	46	.36	13% increase
Suydam	298,470	4	1	114	.38	1800% increase
Red Wing	173,215	4	1	68	.39	3800% increase
Keene	139,109	7	1	331	2.38	7833% increase
Benwood	158,587	18	-	630	3.97	No Comparison

DISTRIBUTION
LOST TIME INJURIES
PERIODS OF DISABILITY

1 9 5 3

NUMBER OF CASES CAUSING DISABILITY OF

PLANT	1 - 7 days	8 - 14 days	15 - 21 days	22 - 28 days	Over 28 days
Works #1	6	8	2	5	11
Works #3	1	1	-	-	1
Glass Research	-	-	-	-	-
Works #4	3	-	-	2	3
Works #6	-	-	-	-	1
Shop #2	1	-	-	-	-
Gas Dept.	-	-	-	-	-
Works #9	5	4	3	2	17
Works #10	14	5	6	1	6
Works #11	25	14	7	4	3
Works #12	2	3	5	5	2
Works #19	-	-	-	-	-
Atlanta	-	-	-	-	-
Baltimore	1	2	1	-	-
Barberton	11	9	4	5	10
Barberton Mine	3	-	-	-	5
Bartlett	1	1	-	-	1
Benwood Mine	9	1	2	1	5
Corpus Christi	-	1	-	1	-
Ditzler	-	-	-	-	-
Ditzler Sales	1	-	-	-	-
Forbes	4	-	-	-	-
Houston	-	-	-	-	-
Keene	4	2	-	1	1
Lake Charles	2	-	-	-	-
Midvale	9	4	-	1	3
Milwaukee	4	1	1	-	1
Moorestown	-	-	-	-	-
Morck	2	-	-	-	-
New Martinsville	6	1	-	-	3
Newark	-	1	-	-	-
Port Allegany	3	1	1	-	-
Portland	-	-	-	-	-
Red Wing	2	-	1	-	1
Sedalia	12	2	-	-	3
Shelbyville	14	4	3	1	1
Springdale	1	-	1	-	-
Suydam	1	1	2	-	-
Thresher	1	1	-	-	-
Torrance	-	-	-	-	-
Zanesville	-	-	-	-	1
General Office	2	-	-	-	-
TOTAL	150	67	39	29	78
Percent of Total	41%	18%		8%	22%

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1953

SUMMARY - LOST TIME INJURIES

CAUSES AND TYPES

Objects	86 - 24%	Caught Between	38 - 11%
Struck by	67	Burns	19 - 5%
Struck against	19	Chemical	10
Glass	77 - 21%	Hot Water	3
Struck by	62	Electrical	2
Struck against	15	Steam	2
Sprains and Strains	67 - 19%	Oil	1
Back	38	Hot Glass	1
Ankle	10	Eye Injuries	12 - 3%
Shoulder	7	Infections	7 - 2%
Knee	6	Slips (not falls)	2
Arm	2	Heat Exhaustion	1
Wrist	2	Chemical Poisoning	1
Hip	1	Vehicle	1
Chest	1	Horseplay	1
Falls	46 - 13%	Fatality - Explosion	1
Lower Level	29		
Same Level	17		

AGE GROUP

16 to 20 years old	17
20 to 25 years old	45
25 to 30 years old	55
30 to 40 years old	93
40 to 50 years old	64
50 to 60 years old	53
60 to 70 years old	24
70 to 80 years old	2

LENGTH OF SERVICE

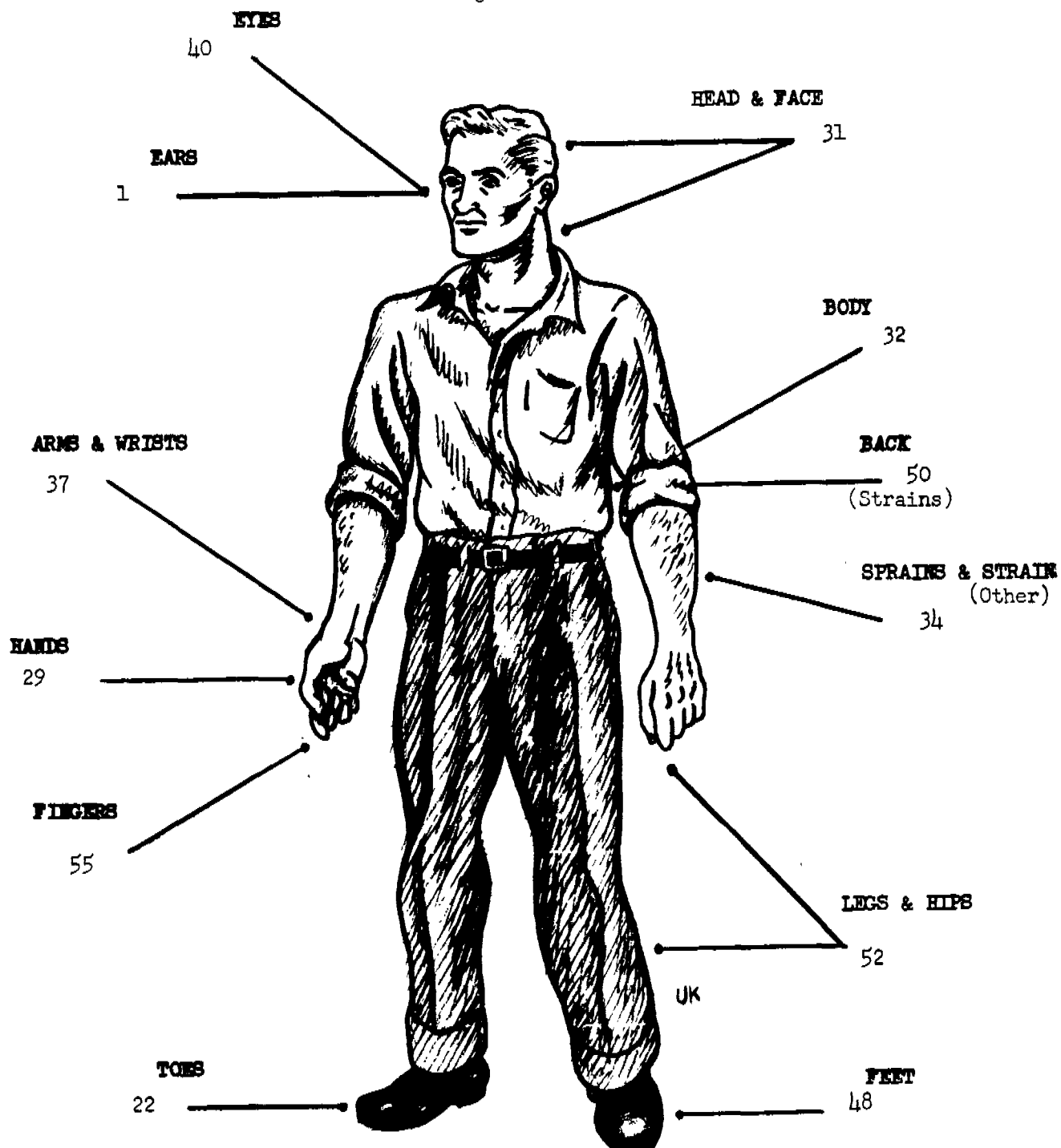
Under 6 months	51
6 months to 1 year	33
1 year to 2 years	24
2 years	34
3 years	17
4 years	18
5 years	14
6 to 10 years	76
11 to 20 years	56
21 to 30 years	19
31 to 40 years	5

SL 103871

YEAR - 1953

GENERAL INJURIES
(not specific)

0



Fatality - 1

SL 103872

HERNIA CASES - 1953

<u>PLANT</u>	<u>NUMBER OF CASES</u>	<u>DAYS LOST</u>
Works #1	9	392
Works #3	1	48
Works #4	4	233
Works #6	1	32
Works #10	1	98
Works #11	1	42
Works #12	2	87
Baltimore	1	58
Barberton	1	29
Benwood Mine	1	42
Corpus Christi	1	22
Ditzler	1	35
Lake Charles	2	52
Sedalia	<u>1</u>	<u>49</u>
TOTAL	27	1,219

FATALITY AND PERMANENT PARTIAL DISABILITY CASES

YEAR - 1953

FATALITY

Barberton Plant
Case No. 53-11748
Service: 17½ years

9/21/53

6,000 days charged

An "A" welder was assigned to the job of closing several small pin holes in the cover of an isopropyl chloroformate storage tank. When finished, a second arc was struck and the tank exploded. Apparently about ten gallons of isopropyl chloroformate had entered the tank sometime between Friday before the Monday when the accident occurred. Fractures of both legs, internal injuries and a possible skull fracture caused death to occur shortly after the accident.

PERMANENT PARTIAL DISABILITIES

Ford City, Works #4
Case No. 53-2699
Service: 9 years

2/16/53

150 days charged

Injured, a carpenter helper, was having a dolly of lumber pushed into the carpenter shop by a fork lift truck. As the dolly and lumber kicked sideways, the injured grabbed the lumber and caught his finger between the lumber and the fork truck. There was no actual time lost but an amputation of the first joint of the left little finger was necessary.

Ford City, Works #4
Case No. 53-6091
Service: 12 years

4/22/53

450 days charged

Injured attempted to put a guard into place on a conveyor in a bending lehr. The spacer, which operates intermittently, started operating and caught his left foot in the chain and sprocket at floor level. Partial amputation of the left great, 1st and 2nd toes.

Ford City, Works #4
Case No. 53-5489
Service: 7-2/3 years

4/9/53

75 days charged

A general repairman was changing bearings on a crane trolley. The trolley started rolling which caused the repairman to grab a gear wheel. The wheel meshed and smashed the ends of the index and third fingers. Amputation of one half of the terminal phalanx of the third finger. No time lost.

Ford City, Works #4
Case No. 53-14197
Service: 12½ years

10/12/53

300 days charged

Working on a high speed run out drive, this millwright caught the tip of his left thumb where a guard had been removed. The crushed tip of the thumb had to be amputated to the base of the nail. No time lost.

Ford City, Works #6
Case No. 53-3264
Service: 3 years

8/6/53

1,800 days charged

A fellow workman and a cutter helper were cutting 1¼" white glass. A snap had just been made and the cutter had just pushed one piece off the snapping stick. Both men were pushing off the other piece when a small piece of cullet flew and struck the helper in the left eye. Eventually the sight was lost.

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PERMANENT PARTIAL DISABILITIES (cont'd.)

Crystal City Plant, Works #9
Case No. 53-740
Service: 2 years

2/17/53

150 days charged

After helping to load 25 bales of straw to be moved by towmotor, the injured, a straw loader, assumed a position on the towmotor running board. His foot slipped off the running board and under the front wheel of the moving towmotor. Later it was found necessary to amputate part of the great left toe.

Crystal City Plant, Works #9
Case No. 53-2896
Service: 23 years

7/2/53

150 days charged

A pedestal type fan, while operating, was wanted in another location on the floor. A crane follower decided to move it without shutting it down. His left index finger slipped through the guard and was almost amputated at the base of the nail. It was necessary to amputate the terminal phalanx.

Henryetta Plant, Works #10
Case No. 53-27
Service: 19 years

1/4/53

750 days charged

An automatic laydown machine helper was attempting to change the speed of the machine motor. His hand slipped and was caught in the conveyor sprocket and chain. The fingers of his right hand were badly broken, resulting in the amputation of the fourth and fifth metacarpal bones of the ring and little fingers.

Henryetta Plant, Works #10
Case No. 53-1336
Service: 19½ years

3/26/53

150 days charged

Using a stick is good practice in removing scrap wood from a table of a running cut-off saw. The operator forgot this important rule when he reached with his hand and accidentally touched the moving blade. The laceration of his right index finger resulted in the amputation of the distal end of the second phalanx.

Clarksburg Plant, Works #12
Case No. 53-1081
Service: 6 years

5/3/53

300 days charged

The injured, a tank man, was adjusting the cardboard which directed the air from a short pedestal type fan. In handling the operating fan, his thumb slipped through the guard and was badly lacerated at the distal end. This resulted in an amputation.

Shelbyville Plant
Case No. 53-1289
Service: 1 month

7/23/53

375 days charged

The injured, a selector packer, reached under the guard of a cut-off machine for superfine, while it was in operation. The machine had jammed, and as the jam was loosened the blade came down on the fingers of his left hand. The tip of the index finger and 1½ phalanges of the 3rd and 4th fingers were amputated.

Barberton Plant
Case No. 53-751
Service: 16 years

4/17/53

1,800 days charged

An "A" welder was chipping the rust from a piece of pipe, in preparing it for welding. While using a hand chipper, a piece of rust struck and lodged in his right eye. This revealed a previously undisclosed cataract, requiring removal. The sight was not restored.

PERMANENT PARTIAL DISABILITIES (cont'd.)

Zanesville Plant

2/26/53

750 days charged

Case No. 53-98

Service: 11 years

While lubricating gears with heavy gear grease, a cement packer used the wrong stick and forgot to shut down the equipment. His stick was drawn into the gears which caught the fingers of his right hand. Amputation of the little finger and the first joint of the ring finger was necessary. Subsequently, further amputation was made to the ring finger.

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**PITTSBURGH
PLATE GLASS COMPANY**
COMPARATIVE INJURY CHART—FREQUENCY

1952

YEAR 1953

PLANT OR WORKS	HOURS WORKED	LOST TIME INJURIES	RATE PER 1,000,000 HOURS
GL. RES.	397,932	-	-
	428,965	-	-
WORKS #19	158,378	-	-
	240,491	-	-
ATLANTA	90,755	-	-
	212,854	-	-
DITZLER	1,181,252	3	2.5
	1,108,473	-	-
TORRANCE	380,288	1	2.6
	398,144	-	-
HOUSTON	272,273	3	11.0
	284,614	-	-
MOOREST'WN	142,656	7	49.1
	190,727	-	-
PORTLAND	105,080	3	28.6
	103,098	-	-
GAS DEPT.	97,897	1	10.2
	98,083	-	-
WORKS #6	1,618,173	1	.62
	1,713,088	1	.58
GEN. OFF.	1,701,282	1	.6
	1,612,014	2	1.2
NEWARK	847,030	9	10.6
	839,744	1	1.2
CORPUS CH.	1,333,044	3	2.3
	1,576,037	2	1.3
ZANESVILLE	771,801	-	-
	764,675	1	1.3
WORKS #4	4,515,472	3	.66
	4,662,097	8	1.7
LAKE CH.	992,964	3	3.0
	1,025,006	2	2.0
SHOP #2	375,230	-	-
	411,087	1	2.4
WORKS #1	7,968,831	22	2.8
	8,075,213	32	4.0
SPRINGDALE	447,524	1	2.2
	473,059	2	4.2
WORKS #9	6,658,392	33	5.0
	6,699,302	31	4.6
PORT ALL.	1,049,513	7	6.7
	991,677	5	5.0
MILWAUKEE	1,327,355	11	8.3
	1,376,052	7	5.1
WORKS #3	547,358	1	1.8
	583,249	3	5.1
BALTIMORE	799,400	5	6.3
	710,335	4	5.6
NATRIUM	1,552,965	8	5.2
	1,584,895	10	6.3
DITZ SALES	145,342	1	6.9
	2,089,015	17	8.1
WORKS #12	2,220,161	17	7.7
	347,089	4	11.5
FORBES	421,382	4	9.5
	3,721,549	20	5.4
BARBERTON	3,726,425	39	10.5
	169,048	2	11.8
THRESHER	186,875	2	10.7
	256,197	1	3.9
SUYDAM	298,470	4	13.4
	555,556	4	7.8
BARB. MINE	583,546	8	13.7
LINCOLN	119,046	2	16.8
	1,574,525	17	10.8
WORKS #10	1,635,314	32	19.6
	169,532	1	5.9
RED WING	173,215	4	23.1
	118,555	8	67.5
BARTLETT	127,572	3	23.5
	72,157	-	-
MORCK	83,940	2	23.8
	1,743,242	62	35.7
WORKS #11	2,006,895	53	26.4
	636,931	6	9.4
SEDALIA	644,896	17	26.4
	52,311	-	-
SHELBY.	705,045	23	32.6
	542,591	29	53.4
MIDVALE	466,325	17	36.5
	120,534	1	8.3
KEENE	139,109	7	50.3
COL. MINE	158,587	18	113.4
1952	47,501,677	298	6.3
1953	50,005,124	365	7.3
		INCREASE	16%

 COMPANY
RATE
1952
6.2

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