

Safety Department

Annual Report

Year 1932

11. ACCIDENTS
AND
PERSONAL
INJURYa. Fatal Accidents

The Mining Department was exempted from fatal accidents during 1932. While the total number of man shifts worked was less than one half the number for 1931 and approximately one third the number for 1930, yet the perfect record has run eighteen months, which is an unusually good accident record.

The fatal accident statistics covered in Tables I to IV, inclusive, of the 1931 Annual Report, are omitted in this report.

b. Non-Fatal Accidents

A total of nine lost time accidents occurred at the mines and plants. The most serious injury was the loss of an eye, and with this exception, there was no partial or permanent disability injury. The record of the mines appears in the following table:

TABLE I

<u>Mine</u>	<u>Number of Lost Time Accidents</u>
Athens	2
Canisteco-Cliffs	0
Cliffs-Shaft	1
Gardner Mackinaw	0
Maas	2
Morris Lloyd	0
Negaunee	3
Tilden	0
Wade	0
Spies Virgil	0
Miscellaneous	<u>1</u>
	9

These accidents were separated by causes according to the following classification:

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INJURYb. Non-Fatal Accidents (Continued)

TABLE II

By handling timber	3
By falls of ground	2
By haulage operation	2
By hand tool	1
By splinter & infection	<u>1</u>
	9

Table III, which follows, gives a classification of these accidents as determined by the Central Safety Committee.

TABLE III

I. Trade Risk (Incidental and Non-Preventable)	2
II. <u>Negligence of Company</u>	
1. Failure to use appliances provided	1
2. Improper method of doing work	1
3. Failure to provide proper place to work	1
III. Negligence of Workmen:	
1. Improper method of doing work	<u>4</u>
	9

c. Safety Inspection:

A monthly inspection of all operations, surface and underground, including the period when the mines were idle, was made by the writer. These inspection tours covered the Company's mines and plants in Michigan only and excludes the Spies Virgil Mine, which was inspected three times.

A committee consisting of Ernest Keast, of the Mechanical Department, T. F. Guy, blacksmith foreman at the Cliffs Shaft Mine, and the writer, inspected the mechanical equipment of the local mines in December. The reports of this Committee were submitted to the Manager.

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INJURYc. Central Safety Committee:

This Committee held two sessions in 1932; one in May and another in December.

Special Safety Reports

The various reports and the number of the same that were made by foremen employed at the mines, copies of which are on file in the office of the Safety Department, are listed in Table IV.

TABLE IV

Hoisting Ropes	577
Skip and Cage Roads	198
Ladderways	159
Hoists	87
Cage Catches	66
Fire Equipment	64
	<u>1,151</u>

Safety Conferences

Conferences of foremen were held six times, with an average of 50 men present at each meeting. Supt. W. W. Graff presided as chairman at these conferences, which have for their chief purpose the education of all foremen in the work of accident prevention. Safety standards are revised and as new problems arise they are discussed and safe methods of procedure are adopted, if found practical. More efficient methods of operation is a subject that is being given serious study, when the safety program of a meeting has been covered.

Safety Award

The U. S. Bureau of Mines awarded the Company The Joseph A. Holmes Association's certificate of honor for having operated three underground and three open pit mines more than a year without a lost time accident, with production of more than 2,600,000 tons of ore and rock. The underground mines were the Morris-Lloyd, Cliffs Shaft and Gardner Mackinaw, and the open pits were the Tilden, Holman-Cliffs and Hill Trumbull. These records were made prior to 1932.

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INJURYd. First Aid Training

Instruction in first aid to the injured was carried on at the local mines in January and February. On February 29th and March 1st, representatives of the Bureau of Mines examined 25 men who had completed our training course. These men have since received first aid certificates. First aid training was discontinued in March, as there is no necessity for it with the number of trained men employed compared with the total number now working. Few supplies were purchased.

e. Mine Rescue Training

Men were trained in self-contained oxygen apparatus at reasonable periods from January until the mines were closed. During the idle time all apparatus was inspected monthly and maintained fit for use in case of emergency. With the resumption of operations, training on a limited scale will be resumed early in 1933.

f. Department Expense

Salaries and expenditures charged to this department, as tabulated by our Cleveland office, are as follows:

TABLE V

Salaries.. .. .	\$ 1,937.91
Auto Expense.....	255.12
Heat, Light & Power.....	48.65
Postage.....	11.41
Travel & Entertainment.....	24.48
Telephone & Telegraph.....	67.16
General - Unclassified.....	13.45
Total.....	\$ 2,358.18

Respectfully submitted,

William Coustas
Assistant Superintendent