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Dr. K.W. Smith

MINUTES OF INDUSTRIAL HYGIENE MEETING
(Mine Division)

Saturday - July 10, 1948 - 11:00 A.M.

PRESENT: Messrs. E.F. Janson, K.W. Smith, P.A. Donovan, H. Rozovsky, N. Gray-Donald and C.M. Mclew

ABSENT: Messrs. H.S. Deeley (vacation), C.D. Farrar (ill).

Vacuum Cleaning Equipment:
This project has been found impractical and is rejected. It was found that the equipment planned was unable to take care of the quantity of dust involved. Major dust control efforts will be to prevent the creation of dust at its source.

Screen Enclosures:
There was an error in the minutes of the May meeting (no meeting was held in June). Appropriation #1390, Air Locks for 16 Selectors, has not yet been approved by General Headquarters. These air locks are urgently required and the delay in approval of the appropriation is regretted.
It was reported that there was some delay in getting screen covers back from the Shop after repair. Mr. Rozovsky to follow up on these delays personally.
In order to facilitate changing the screen panels, it has been decided to put hinges on the aspirating hoods. Messrs. Janson and Donovan will provide Mr. Rozovsky with the necessary design.

Mill Dryers:
The new experimental collector installed in Mill 4-B has shown some improvement. If this improvement continues another unit will be installed in Mill 4-A.

Dust Collection - Sonic Equipment:
Mr. Donovan has received and replied to a letter asking for considerable basic information about our problem from the company supplying this equipment. Further information should be available by next meeting.

Mill Cabins:
An appropriation has been prepared to provide for an adequate ventilating system (costing $6,000.) for all Mill 4-z cabins. The system will make use of a sly filter and will be a return air system. The cabins will be slightly under pressure. The Industrial Hygiene Committee recommends approval of this appropriation. If this is found satisfactory the same system will be installed in the other mills.

New Crusher Building:
The Sheldon filter has been installed and the collector is considered effective. The piping system is not yet completed. This should be finished within the next three or four weeks.

Filtration - Local Water Supply:
The Town's Consulting Engineer has not yet submitted plans.

Blow-Off Cabin - Cement Plant:
This cabin has been relocated and Mr. Janson will arrange to have both the exterior and the interior properly finished.
The matter of a safety blow-off nozzle will also be checked.
Mr. Rozovsky will check up on the possibilities of making use of this type of cabin in other parts of the mill.

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Ore Analysis:
Mr. Gray-Donald has arranged to ship 133 additional samples from the Mine Department - Open Pit to Mr. Badollet.

Plant Dust Survey:
Since the last meeting, Mr. Flamondon has decided that one more survey this Fall will complete his work for this year.

Dust Control - Mills 4-A and 4-B:
Failure of General Headquarters to approve this appropriation is difficult to understand, in view of the fact that it would reduce dust within the mill about 50%. The Industrial Hygiene Committee wishes to go on record as having brought to the attention of the proper Company authorities the necessity and the urgency of action being taken on dust control in our milling department. In order to cover this subject adequately, see attached memorandum.

Maintenance Men for Ventilation Engineers:
Closed.

Ore Rock Storage Building:
Dr. Smith tried out the Scott Pack type of respirator, however, this was found to be unsatisfactory. He has found a chemically treated filter which will be tried out in our standard mill respirator and which it is claimed will stop dust to 1/24,000,000 of an inch.

Bag Sorting Department:
Observation has shown that the bags do not appear to be properly cleaned by the bag cleaners, with the result that the sorters and others on the second floor of the mill are subjected to an excessive amount of dust.
By properly spaced rest periods the work pace can likely be reduced and this, in turn, would mean less inhalation of dust. A study of last year's employees' x-ray plates indicates more evidence of change in this department than in the mill department.
This problem will be referred to Mr. K. V. Lindell.

CHMcG/AGM.

C. H. McGaw
Secretary.

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