~~ITS COPY FOR DR. L.V.CRALLEY, PITTSBURGH OFFICE~~

~~F. BONNEY~~
L. V. CRALLEY
December 7, 1956

INTERNAL CORRESPONDENCE

FROM: B. L. TIEDEMANN

DAVENPORT WORKS

TO: MESSRS. E. B. FASSEL &
L. T. LETSINGER

DAVENPORT WORKS

PLAINTIFF'S EXHIBIT
AL-273

RE: INDUSTRIAL HYGIENE COMMITTEE MEETING

A meeting of the Davenport Works Industrial Hygiene Committee was held on December 4, 1956, in the office of the Safety Director. Attending this meeting were the following: J. H. Lowry, C. L. Huey, B. D. Kent, F. H. Huyette, T. L. Kick, and B. L. Tiedemann.

T. L. Kick of the Mechanical Engineering Department attended the meeting to more thoroughly acquaint the Committee with an aluminum dust problem at the scalpers. After discussing this problem, the opinion of the Committee was that air samples be taken to determine the amount of aluminum particles in the atmosphere in that location and to forward the findings to the Aluminum Research Laboratory for evaluation of health hazard. The Committee was informed that a suction type fan with necessary duct work has been recommended by the Engineering Department for this operation. The Committee is of the opinion that, if the cost is reasonable, this should be done if for no other reason than to eliminate the nuisance angle.

Some literature was received regarding a catalyst type of filter for removal of exhaust fumes in gasoline or propane powered trucks used in loading and unloading material from box cars. This literature is being routed to interested personnel. Information regarding this filter should be available for the next meeting.

A Construction Storeroom checker was overcome by carbon monoxide fumes while checking a truck load of construction material being unloaded in the Foil Mill. The result of the exposure was nausea and a severe headache. The man was put to bed in the Medical Department for approximately one hour.

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The exhaust fumes in the Foil Mill building, caused by various power equipment and truck operations involved in construction activities, had previously

been recognized as reaching a hazardous stage. The Pyrometric Department was directed to take daily readings of the concentration and has been doing so. Other measures were adopted by the Construction Department to limit the number of vehicles inside the Foil Mill building to only those engaged in necessary functions. The person involved in the exposure was standing directly behind the truck while it was unloading which probably accounted for the concentration necessary to cause the exposure. The Committee does feel, however, that if some of the exhaust equipment in the Foil Mill could be put into operation it would relieve this situation.

Two chlorine exposures in the Remelt Department were reported. One involved a trucker working in the vicinity of No. 1 holding hearth. The other case was a pipefitter engaged in checking for a leak at No. 2 holding hearth. Both No. 1 and No. 2 furnaces had been inactive for approximately four months while construction work was being performed. The Remelt Department is of the opinion that the chlorine system may have been faulty as a result of this inactivity and may have been damaged during this time.

Literature was presented regarding a chlorine leak detector. This detector is called an MSA Halide leak detector and could possibly be used to good advantage for locating leaks in the chlorine evaporator room. This will be investigated.

B. L. TIEDEMANN

BDT:dmp:sw

cc: All Division Heads
All Members of Hygiene Committee
T. L. Kick
Dr. L. V. Cralley, Pittsburgh Office

THIS COPY FOR DR. L.V.CRALLEY, PITTSBURGH OFFICE

INTERNAL CORRESPONDENCE November 28, 1956

FROM: C. L. HUEY
DAVENPORT WORKS

TO: MESSRS. E. B. FASSEL &
L. T. LETSINGER
DAVENPORT WORKS

RE: INDUSTRIAL HYGIENE COMMITTEE MEETING

On October 16, 1956, the meeting of the Davenport Works Industrial Hygiene Committee was held in Mr. B. D. Kent's office. Those present were G. A. Decker, B. L. Tiedemann, Dr. L. A. Block, J. H. Lowry, B. D. Kent and C. L. Huey.

The chlorine problems in the Remelter are generally improved. Two cases were reported in September. In the first case, the man reported to First Aid and was away from his job forty-five minutes. In the second case, the man was away from the job for one hour and fifteen minutes and also reported to First Aid. The chlorine fumes were escaping from packing glands in the skim house in Remelter. Maintenance has taken care of this problem.

The question of vapors from hot hydraulic F 9 was discussed. This being a problem only in the Chemical Lab it was decided that no steps should be taken to remedy conditions other than those that can be taken care of in the lab itself.

The handling of fuel oil for fuel purposes in Remelter was discussed, but no action was taken as this installation is still under construction.

Plans were made for the attendance of members of the Hygiene Committee and other supervisory personnel of the plant to attend the company-wide conference at the LeClaire Hotel, October 29-31.

C. L. HUEY

CLH:sw
cc: All Division Heads
All Members of Hygiene Committee
Dr. L. V. Cralley, Pittsburgh

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