PLAINTIFF'S
EXHIBIT
WH-352
PENGAD-Bayonne, N.J.

IN RE: ABRAMS DECEMBER 1992

East Pittsburgh [illegible]

July 30, 1957

[illegible]

Industrial Relations
Mr. [illegible]

cc: [illegible], Mr. [illegible], Manager of Manufacturing
cc: [illegible], [illegible] Headquarters, Mr. [illegible] Stevenson, Inc. Del. Manager

Following is a report of a brief visit to your plant several days ago.

Gloves

Where rubber gloves are required for protection of the skin against potential irritating materials, it is highly desirable that such protection have a cloth lining in order that the gloves can be put on and off the hands more conveniently; they are more comfortable to wear because the perspiration is absorbed by the cloth lining. The best neoprene coated gloves are available from Mine Safety Appliances Co. and listed on Material Card 7530-6. These gloves are made by the Granit Corporation but must be obtained through MSA as they can not be purchased from Granit. A 4" cuff is also desirable for this type of protection.

Solvent Dip Tanks and Varnish Tanks

All such tanks should have hinged lids that are large enough to completely cover the tanks when closed. These lids should be held open in a slightly inclined position by use of fire hinge fuses so that if a fire occurs the hinge melts and the lid falls shut. This equipment should be examined periodically to be sure that it will function when needed.

Fourth Floor

The spray booth had a satisfactory face velocity of 150 feet per minute. All paint spraying should be done completely within the booth at all times so that the ventilation of the booth is most effective in removing toxic solvent vapors from the breathing atmosphere of the operator.

Small paint and storage containers should be kept within a metal storage cabinet when not being used. The present storage cabinet is constructed from wood and should be replaced with a metal cabinet. These cabinets should have proper ventilation.

All safety cans should have flash back arrestor screens in them. The preferable safety can is obtainable from the Protectoseal Corporation and is listed on Material Card 4761.

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[illegible] Floor

[illegible] had a satisfactory ventilation of 1[illegible] feet per minute through the face area.

The ventilation on the band saw used for sawing asbestos board should have better ventilation in order to remove the asbestos dust from the breathing atmosphere of the operator. A potential health hazard exists at the present time.

Second Floor

[illegible] varnish [illegible] requires a hinged lid and fire [illegible] to hold it open in a slightly inclined position so that it will fall shut by gravity in case of fire.

The operation in this tank is rather messy and provision should be made for varnish drippings to drop into a metal container rather than on the floor.

Neoprene coated gloves, as indicated previously, should be provided for the operator. These gloves can have the varnish removed from them by washing them in a container of solvent while the gloves are on the persons' hands. This should be done at least once a day in order to prolong the life of the gloves, which otherwise would be discarded because of excessive varnish accumulation. At the present time the operator is being provided with leather gloves, which are inadequate protection of the persons' hands against the solvent in the varnish and cannot be cleaned very satisfactorily.

A dry chemical portable fire extinguisher should be located on a column nearby.

Oil Absorbents

A satisfactory oil absorbent such as Floor Dri made by Eagle-Picher Co. and listed on Material Card 6695 should be used for absorbing water emulsions and oils when spilled on the floor. The use of saw dust is very undesirable because it is a very poor absorbent material and usually does not materially reduce the slip hazard. The use of saw dust promotes rather than reduces the fire hazard. Recommended oil absorbents are nonflammable materials.

Drinking Fountains

The metal shield and the orifice from which the water is emitted are the most important parts to be cleaned on a drinking fountain. It was noticed that a number of drinking fountains were being cleaned but these locations were being neglected and should, therefore, require special attention at frequent periodic intervals.

Rotary Fiber Brushes

Rotary fiber brushes are frequently used for removal of excess solder when leads are dipped into solder pots. These rotary fiber brushes should be completely enclosed except for the smallest slot practically on the front side and the enclosure attached to a forced ventilation system, so that the material that

is removed by these brushes is not permitted to escape from the ventilated and enclosed hood. Attached is a schematic pencil diagram that should be used in such an enclosure.

At a later date a more thorough review of your operations needs to be made than time permitted during this visit.

I will be interested in reviewing the plant layout for the new M & R plant for Glassport when it becomes available, and we will be very glad to know about any problems that arise in this layout from time to time.

W. Wilbur Scheer, Administrator
Industrial Hygiene

Att.

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