County of Santa Clara
California

Health Department
2220 Moorpark Avenue
San Jose, California 95128
297-1636 Area Code 408

PLAINTIFF'S
EXHIBIT
WH-1007

May 11, 1973

Mr. Dana Fraiser
Safety Supervisor
Westinghouse Electric Corp.
Hendy Avenue
Sunnyvale, Calif. 94086

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Dear Mr. Fraiser:

On April 10, 1973, at your request, personnel from the Division of Occupational Health collected air samples for the presence of asbestos fibers from operations involving grinding and sanding of a phenolic composition containing asbestos.

Operator breathing zone samples were collected using a personal air sampling pump with a membrane filter having a pore size of 0.8 microns. Air was drawn through the filter at the rate of 2.0 liters per minute. Personnel performing the work were provided with cartridge type respirators and face shields, and the work was performed inside an enclosed paint spray booth having a water curtain to contain the particulates generated during the grinding and sanding operations. The filters were sent to the California Division of Industrial Safety for fiber counting. The results are as follows:

Asbestos Study, Westinghouse Electric Corp.
April 10, 1973

Sample Number	Work Operstion	Asbestos fibers per cubic centimeter	T.L.V.* fibers/cc
1.	Disc grinding	5.1	5.0
2.	Hand-held oscillating sander	13.6	5.0

* TLV fibers/cc - Threshold Limit Value for asbestos fibers established by the American Conference of Governmental Industrial Hygienists for an 8-hr. exposure; also allowable concentration under OSHAct and California General Industry Safety Orders.

The concentration of fibers produced by both the operations exceeds the ceiling or short time concentrations permitted under the OSHAct and the California GISO of 10 fibers/cc. The present practice of performing

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SOURCE 236 0152744

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the operations in the enclosed paint spray booth with the personnel wearing approved respirators should be continued. In addition, recommendation is made that the engineering controls stated in the Emergency Regulation on Asbestos, Article 110, March 1973, ammendment to the General Industry Safety Orders, Section 5208 (b), dealing with local exhaust ventilation system on hand-operated power tools be instituted. A copy of the Emergency Regulation is enclosed.

This division is pleased to be of assistance to you in making this evaluation. Should there be any questions or if there is need for further help, do not hesitate to contact us.

Sincerely,

M. Koketsu, M.P.H.
Occupational Health Consultant

MK/ee

Enclosure.

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SOURCE 236 0152745