



Inter Office

Electrical and Electronics Division
Ypsilanti Plant

October 16, 1980

FILE

TO: D. A. Gray
P. E. Toth ✓

Via: D. B. Vaughan

cc: R. J. Womac
G. K. Nichols
D. J. Stachelski

From: G. R. Wolcott

Subject: Michigan Industrial Occupational Safety
and Health Administration Inspection

Pursuant to the Industrial Relations Manual, Volume III, Section C, Topic 775,
the following information is submitted:

Plant: Ypsilanti Plant - Electrical and Electronics Division.

Governmental Safety or Health Agency Represented: Michigan Department of
Public Health, Bureau of Environmental and Occupational Health.

Inspector's Name: Henry J. Pyzik

Inspector's Title: Engineer, Division of Occupational Health

Date of Visit: October 16, 1980

Purpose of Visit: To investigate an employee complaint concerning alleged air
contaminants at the chrome plating operation in Department 491 - Rod Machining,
Bay M-20 in Building #2A.

Total Hours in Plant: 3 Hours

Were Citations issued immediately: No.

Did the Inspector indicate that Citations would be issued?

The Inspector stated that the results of his air sampling would be
reviewed. In the event that the exposure limits for chromic acid
mist were approached or exceeded, further sampling would be conducted
to determine if the plant is in violation of State Standards.

What operations or equipment, if any, were or might be cited?

Two employees assigned to the Chrome Plating Operation were monitored.

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What violations, if any, were posted in the area? None.

What recommendations were made? None.

What corrective actions will be taken? None at this time.

Were instruments used to monitor the environment?

Two samples were taken for chromic acid mist. The following instruments were used:

Sample #1:

Mine Safety Appliance (MSA) personal sampling pump #67543 with built-in rotameter at 1.7 liters/minute.

Vinyl Metrical Filter #4285

Time: 9:45 A.M. to 11:45 A.M., 2 hours

Operator

Sample #2:

MSA Pump #67539 with built-in rotameter at 1.7 liters/minute.

Vinyl Metrical Filter #4266

Time: 9:50 A.M. to 11:09 A.M., 1 hour, 19 minutes

Set-up

In addition, the Inspector sampled for Carbon Monoxide since the employee complaintant alleged that the air contaminants caused his headaches. He used:

MSA hand pump

MSA colorimetric tube for CO

3 strokes - 10 ppm reading

Names and titles of persons accompanying the Inspector:

D. E. Roth - Safety Engineer

J. T. Tindall - Health and Safety Rep. U.A.W., Local 849

P. J. Zande - Unit Supv., Safety, Security and Fire

J. F. Wolcott

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