MICHIGAN WATER RESOURCES COMMISSION

FACILITY INSPECTION REPORT

FACILITY	REGION	DISTR.		FACILITY	PERMIT	RATING
Michigan Standard Alloys, Inc. Zinc Division 1256 Milton St Benton Harbor MI 49022	2	3	104	110200	MI0037117	Adequate

LAST VISIT

TYPE	DESCRIPTION	DATE	REASON
1	Enforcement	00/00	

VISIT REASONS

A - REGULAR SCHEDULE
B - EFFLUENT FAILURE
C - COMPLIANCE FAILURE
D - REGION REQUEST
E - FACILITY REQUEST
F - PUBLIC COMPLAINT
G - INFORMATION CHANGES
H - OTHER

CURRENT VISIT

REASON	DATE (M M D D Y Y)	FOLLOW-UP DATE (M M D D Y Y)	NO. OF VISITS
B	01 29 80		01

US EPA RECORDS CENTER REGION 5
472946

Rating for this inspection: A
Facility Not Classified
Operator Not Classified
Outfall Numbers and Descriptions
110415 001 Noncontact cooling H_2O to Milton Ave Storm
110416 002 Quench and noncontact cooling H_2O to Third Ave Storm
110417 000 Treated Quench Cooling H_2O prior to mixing
Visited plant to inspect corrections stated in Company's 12/7/79 Response to N.O.C. Inspection was brief because of the late hour (After 4:00) operations had been shut down for the day. Contacts are Jay Fowler, V.P. and Carl Ackerman. The following changes were verified:
1. A trench which used to carry noncontact cooling water has been covered. This "sluiceway" was open in the past and received zinc fines from the air causing exceedances in the zinc limitation.
2. The sow① cooling tank had been moved and repiped so that the discharge is no longer open to the plant air. This is normally a recirculate closed-loop system except during hot summer days.
3. The sprays (contact cooling) on the mold conveyor have been replaced/repaired to eliminate over spray. This system is now closed loop with NO discharge possible according to the company.

INSPECTED BY: Jim Tuez

ANY CHANGES REQUIRED IN WISER FILE

Staff should conduct an inspection of the entire facility as part of the ~~permit~~ reissuance process. The current permit expires on October 31, 1980.

① "Sow" in the foundry industry is defined as a channel carrying molten metal from the furnace to the molds. At MSA large blocks of zinc are cast in a series of water jacketed sows. Apparently these blocks (also "sows") are remelted and cast into ingots.

1. WHITE: LANSING REGIONAL OFFICE 2. CANARY: LANSING DATA UNIT 3. PINK: DISTRICT COPY

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