

# Industrial Metal Finishing, Inc.

Walnut Ridge Regional Airport Walnut Ridge, AR 72476

Business Phone (870) 886-7531 Fax (870) 886-9546

P.O.Box 326 Pocahontas, AR 72455-Mailing

OCTOBER 26, 2006

MR. RUFUS J. TORRENCE  
ADEQ NPDES PRETREATMENT  
P.O. BOX 8913  
LITTLE ROCK, AR 72219-8913

DEAR MR. TORRENCE,

ENCLOSED IS THE SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY CATEGORICAL PRETREATMENT STANDARDS (40CFR433) IN ACCORDANCE WITH 40CFR403.12(e). ALSO, ENCLOSED IS THE WATER ANALYSIS FOR THE METALS FROM AMERICAN INTERPLEX CORPORATION.

I HOPE I HAVE SENT ALL THE INFORMATION THAT HAS BEEN REQUESTED, IF NOT, PLEASE CONTACT ME AT (870)886-7531.

**NPDES PERMIT FILE**  
 NPDES # \_\_\_\_\_  
 APIN # \_\_\_\_\_  
 \_\_\_\_\_ Permit PN  
 \_\_\_\_\_ Correspondence  
 \_\_\_\_\_ Technical Backup  
 \_\_\_\_\_ Date Scanned

SINCERELY,



BRIAN D. NISWONGER  
PRODUCTION MANAGER

OCT 31 2006

- ENCLOSURES: (1) SEMI-ANNUAL REPORT  
 (2) CHAIN-OF-CUSTODY  
 (3) LABORATORY REPORT

cc: THE HONORABLE GLENN MURPHY MAYOR, CITY OF WALNUT RIDGE  
300 WEST MAIN WALNUT RIDGE, ARKANSAS 72476

MR. LESTER HERRING, WATER SUPERINTENDENT 216 S W 4TH  
WALNUT RIDGE, ARKANSAS 72476

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Industrial Metal Finishing  
P.O. Box 326  
Pocahontas, AR 72455

B. FACILITY & LOCATION ADDRESS

Industrial Metal Finishing  
323 Frazier Street  
Industrial Park  
Walnut Ridge, AR 72476

C. FACILITY CONTACT: Brian Niswonger TELEPHONE NUMBER: (870) 886-7521

(2) REPORTING PERIOD--FISCAL YEAR From April 1 to March 31 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

April & October

B. PERIOD COVERED BY THIS REPORT

FROM: April 06" TO: Oct. 06'

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)\*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Black Oxide (Ferrous Metals)  
Zinc Phosphate (Ferrous Metals)  
Zinc Electroplating (ferrous Metals)  
w/ Trivalent Chromates

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

IMF has put in place a zinc plating line. It is a 5 station acid zinc process containing trivalent chromates. All waste water is treated within the same system as all other processes.



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\*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

C. Number of Regular Employees at this Facility 5

D. [Reserved]

**(4) FLOW MEASUREMENT**

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	6185	7672	Continuous
Regulated (Cyanide)	0	0	0
§403.6(e) Unregulated*	0	0	0
§403.6(e) Dilute	0	0	0
Cooling Water	0	0	0
Sanitary	250	300	Batch
Total Flow to POTW	6435	7972	*****

\*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

**(5) MEASUREMENT OF POLLUTANTS**

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other \_\_\_\_\_
- None

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES—CORE & ANCILLARY—(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.004	<0.007	0.0083	<0.04	<0.01	<0.007	0.011	<0.01	N/A
Ave Measured									

Sample Location Effluent Sampling Point\*(Schematic Flow Diagram)

Sample Type (Grab or Composite) Composite

Number of Samples and Frequency Collected 4: 2HRS.

40CFR136 Preservation and Analytical Methods Use:  Yes  No

(6) CERTIFICATION

A. CYANIDE CERTIFICATION (Applicability Pending)

[Reserved]

B. CHECK ONE:  §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED  §433.12(a) TTO CERTIFICATION PROVIDED BELOW

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

Brian Niswonger

(Typed Name)

Brian Niswonger  
(Corporate Officer or authorized representative)

Date of Signature 10/26/06

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS )  
COUNTY OF Randolph )

Before me, the undersigned authority, on this day personally appeared

Brian Niswonger of  
Industrial Metal Finishing,

a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this 26th day of October, 2006

Wendy Shepherd  
Notary Public in and for Randolph  
County, Arkansas



**(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]**

*§6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy --The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.*

The User may list any new or ongoing Pollution Prevention practices:

**(8) GENERAL COMMENTS**

**(9) SIGNATORY REQUIREMENTS [40CFR403.12(I)]**

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

William D. Niswonger  
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

*William D. Niswonger*  
SIGNATURE

Owner  
OFFICIAL TITLE

10/26/06  
DATE SIGNED

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: *Industrial Metal Finishing*

Project Reference: *IME*

Project Manager: *Brian Miswonger*

Sampled By: *Brian Miswonger*

AIC No. *C-1006*      Date/Time Collected *10/10/06 3:00pm*

AIC Sample Identification *1006-1m*      Date/Time Collected *10/10/06 3:15pm*

Container Type:   
 Preservative:   
 G = Glass      P = Plastic      V = VOA vias      H = HCl to pH2      T = Sodium Thiosulfate  
 NO = none      S = Sulfuric acid pH2      N = Nitric acid pH2      B = NaOH to pH12      Z = Zinc acetate

AIC No.	Sample Identification	Date/Time Collected	G A B	R A B	C O M P	W	S	A	T	O	I	L	NO OF BOTTLES	ANALYSES REQUESTED		Field pH calibration on _____ @ _____ Buffer: _____	Remarks
														CYANIDE	METALS		

Turnaround Time Requested: (Please circle)  
 (NORMAL or EXPEDITED IN \_\_\_\_\_ DAYS)  
 Expedited results requested by: \_\_\_\_\_

Who should AIC contact with questions: *Brian Miswonger*

Phone: *820-886-2531* Fax: *820-886-9596*

Report Attention to: \_\_\_\_\_  
 Report Address to: \_\_\_\_\_

Relinquished By: *Brian Miswonger*      Date/Time *10/10/06 3:15pm*

Received in Lab By: *Jimmy Day*      Date/Time *11/07/06 0930*

Comments: *Samples were taken early 3 hrs during an eight hour work day*



Industrial Metal Finishing Inc.  
Post Office Box 326  
Pocahontas, AR 72455

ANALYTICAL RESULTS

AIC No. 104044-1

Sample Identification: IMF C-1006, 1006-M 10/10/06 2:55pm, 3:00pm

Analyte	Method	Result	RL	Units	Batch	Qualifier
Total Cyanide	EPA 335.2	< 0.01	0.01	mg/l	W18528	
Cadmium	EPA 200.7	< 0.004	0.004	mg/l	S19030	
Chromium	EPA 200.7	< 0.007	0.007	mg/l	S19030	
Copper	EPA 200.7	0.0083	0.006	mg/l	S19030	
Lead	EPA 200.7	< 0.04	0.04	mg/l	S19030	
Nickel	EPA 200.7	< 0.01	0.01	mg/l	S19030	
Silver	EPA 200.7	< 0.007	0.007	mg/l	S19030	
Zinc	EPA 200.7	0.011	0.002	mg/l	S19030	