

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Rufus

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

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

AIRTHERM A DIVISION OF MESTEK, INC.
3333 N. WASHINGTON
FORREST CITY, AR. 72335

B. FACILITY & LOCATION ADDRESS

AIRTHERM A DIVISION OF MESTEK, INC.
3333 N. WASHINGTON
FORREST CITY, AR. 72335

C. FACILITY CONTACT: NIGHT JUMPER TELEPHONE NUMBER: 870-633-5460 e-mail:

(2) REPORTING PERIOD—FISCAL YEAR From Mar 1 to Feb 28/29 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

MARCH & SEPTEMBER

B. PERIOD COVERED BY THIS REPORT

FROM: 3-1-09 TO: 8-31-09

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

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

ANCILLARY PROCESS(ES)

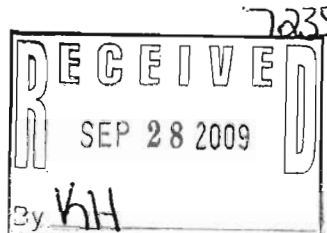
LIST BELOW EACH PROCESS USED IN THE FACILITY

- OVER FLOW RINSE
- METAL CLEANING
- IRON PHOSPHATE
- RINSE SEALANT
- SPRAY BOOTH (POWDER PAINT)

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.

ARPO00019
62-00032

NO CHANGE



High Cu levels in cleaning line
Low Cu levels in paint booth w.w
brought the avg. down below
reg. levels.
AB

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

C. Number of Regular Employees at this Facility

35

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core &	493	1480	
Regulated (Cyanide)	493	1480	
'403.6(e) Unregulated'			
'403.6(e) Dilute	2938	2925	
Cooling Water			
Sanitary	700	700	
Total Flow to POTW	4331	5105	*****

"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	0.69	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.26	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured		SEE	THE	ATTACHED					
Ave Measured		SEE	THE	ATTACHED					

Sample Location D-1 THE FIVE TANK PHOSPHATIZING IS DISCHARGED INTO EXTERIOR TROUGH, THE TWO POWDER PAINT BOOTH TANKS DISCHARGED INTO FLOOR DRAIN.
 Sample Type (Grab or Composite) COMPOSITE / GRAB IN WATER; GRAB IN WATER

Number of Samples and Frequency Collected TWO

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: G '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED G '433.12(a) TTO CERTIFICATION

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.

ODELL HOGGANS - PLANT SUPERINTENDENT
(Typed Name)

Odell Hoggans
(Corporate Officer or authorized representative)

Date of Signature 9/25/09

CORPORATE ACKNOWLEDGEMENT (Optional)

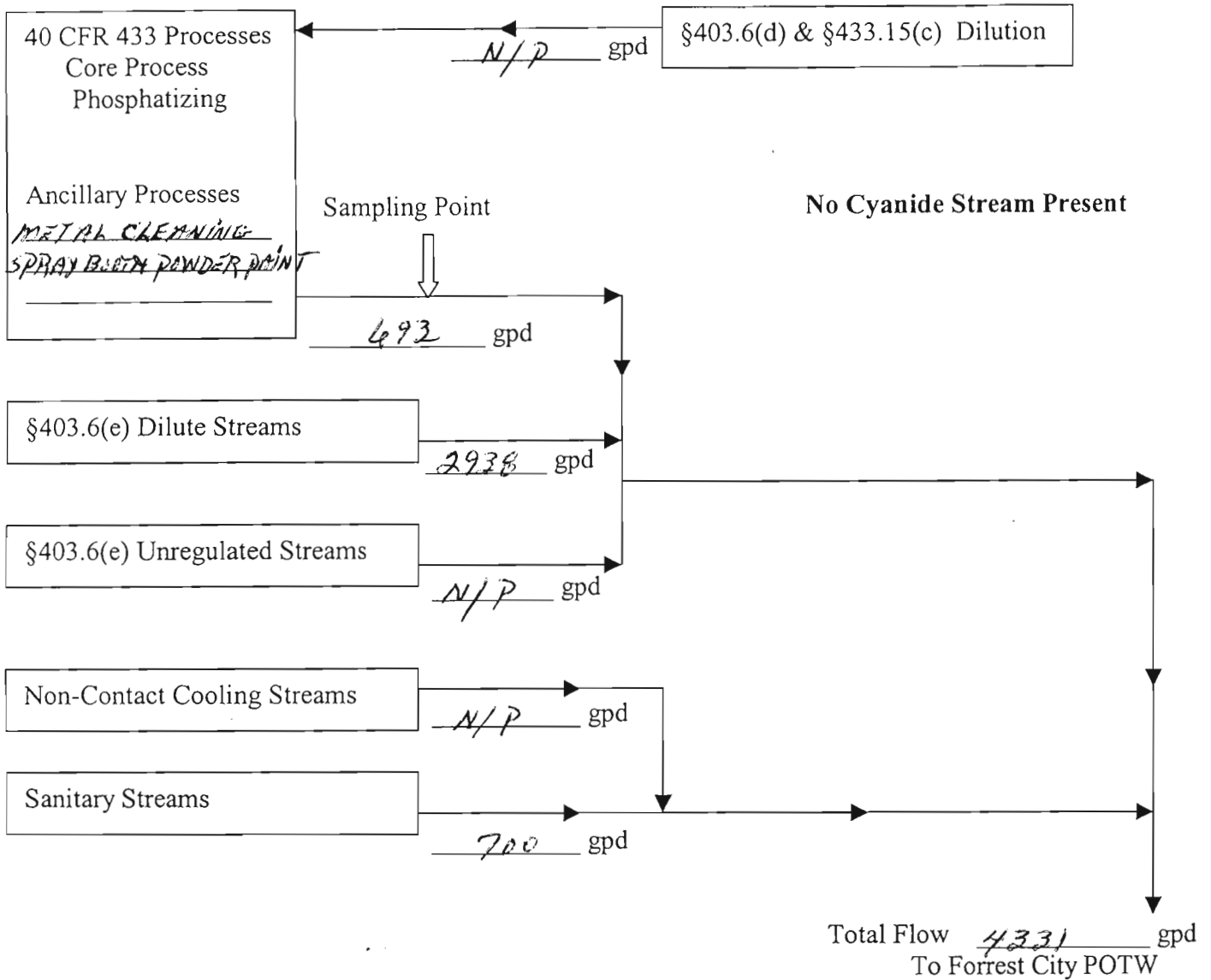
STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, 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 _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.



If a stream is not present, show NOT PRESENT or N/P. If a stream is present, the wastewater can enter the POTW but currently has no flow, show 0.0 gpd. If a stream is present but the wastewater cannot enter the POTW, show Zero Discharge or Z/D. If an unregulated stream is present but the User has decided not to declare it at this time, show N/P.

Signature of §403.12(b) Professional

Date

I certify under penalty of law that I have personally examined and am familiar with the information in this document and that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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.

Odell Hoggans

Plant Manager or the authorized §403.12(i) official

9/25/09

Date

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:

AS AN ONGOING POLLUTION PRACTICE, WE HAVE A CLOSED LOOP, NON-CONTACT COOLING WATER SYSTEM IN USE.

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(l)]

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.

Odell Hoggans
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Odell Hoggans
SIGNATURE

Plant Supt.
OFFICIAL TITLE

9/25/09
DATE SIGNED

Environmental Services Company, Inc.

Corporate Office
 13715 West Markham
 Little Rock, AR 72211
 Tel. (501) 221-2565 Fax (501) 221-1341

Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479) 750-1170 Fax (479) 750-1172

Control Number: 0907010232 Composite Date: 07/21/09 -07/21/09 Collected By: NTR/NTR
 Customer Name : AIRTHERM PRODUCTS, INC. Sample Time : 1033-1042/1033(7-21) Delivery By : NTR/NTR
 Customer Number : 1153 Sample Type : COMPOSITE/GRAB WWA/NTR Work Order :
 Report Date : 07/29/09 Sample From : EFFLUENT Purchase Order :

Analysis		Laboratory Analysis		Quality Assurance			
Date	Time By	Parameter	Result	Notes	Quantity	Precision % RPD	Accuracy % Recovery
07/29	0500 NTR	Cyanide Total (as CN)	< 0.0100 mg/L			1.44	98.6 *
07/23	1646 BGW	Chromium	0.11600 mg/L			0.99	101.5 *
07/23	1646 BGW	Nickel	0.1370 mg/L			0.21	97.2 *
07/23	1646 BGW	Copper	2.2050 mg/L			4.46	92.1 *
07/23	1646 BGW	Zinc	0.4480 mg/L			1.25	87.4 *
07/23	1131 BGW	Silver	< 0.0010 mg/L			0.73	95.6 *
07/23	1646 BGW	Cadmium	0.0040 mg/L			1.26	94.6 *
07/23	1646 BGW	Lead	0.0120 mg/L			0.94	106.2 *

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature *Neil P. Perry*
 Environmental Services Co., Inc.

Env, mental Services Company, Inc.
 Corporate Office
 13715 West Markham P.O. Box 55146
 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



Environmental Services Comp. Inc.
 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341 **CHAIN OF CUSTODY** Project Information Requested Parameters
 Phone 479-750-1170 Fax: 479-750-1172

Client Information
 Company Name: Airtherm
 Address: 3333 North Washington Street
 Forrest City, AR 72335
 Telephone: 870-633-5660
 FAX: 870-633-0699
 ESC Client Number: 1153
 Project Information
 Permit/Project #: _____
 Purchase Order #: _____
 Work Order #: _____
 Sampler Name(s): Ned T. Ryerson
 and Signature(s): Ned T. Ryerson

Identification	ESC Control #	Date	Sample Collection			Sample Containers			Custody Seals: Used? <input type="checkbox"/> Intact? <input type="checkbox"/>											
			Type	Matrix	Type	Volume	Preservative	#												
Effluent	0907010232	7-21-09	Composite	Wwater	Plastic	1 Liter	HNO3	1	X	See Comments										
			Grab	Wwater	Plastic	1 Liter	NaOH Asc Acid	1	X	Cyalnide(9.)										
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals: Used? <input type="checkbox"/> Intact? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals: Used? <input type="checkbox"/> Intact? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name) Ned Ryerson		7-21-09	1630	Received By: (Signature and Printed Name) Ned Ryerson		7-21-09	1630	Custody Seals: Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>												
Sample cooled to 40 Deg with ice				Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
Comments: Cr(24.IW), Ni(28.IW), Cu(29.IW), Zn(30.IW), Ag(47.IW) Cd(48.IW), Pb(82.IW)				Analyst:				Field Test												
				Flow Data				pH:												
				Reading:				Chlorinated? Y N												
				Units:				Fecal Start:												

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Control Number: 0907010233
 Customer Name : AIRTHERM PRODUCTS, INC.
 Customer Number : 1153
 Report Date : 07/29/09

Sample Date : 07/21/09
 Sample Time : 1046
 Sample Type : GRAB WATER
 Sample From : PAINT BOOTH

Collected By: NTR
 Delivery By : NTR
 Work Order :
 Purchase Order :

Analysis		Laboratory Analysis		Quality Assurance			
Date	Time By	Parameter	Result	Notes	Quantity	Precision % RPD	Accuracy % Recovery
07/29	0500 NTR	Cyanide Total (as CN)	< 0.0100 mg/L			1.44	96.7
07/23	1646 BGW	Chromium	0.00100 mg/L			0.99	101.5
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07/23	1646 BGW	Copper	0.0470 mg/L			4.46	92.1
07/23	1646 BGW	Zinc	0.0350 mg/L			1.25	87.4
07/23	1131 BGW	Silver	< 0.0010 mg/L			0.73	95.6
07/23	1646 BGW	Cadmium	0.0050 mg/L			1.26	94.6
07/23	1646 BGW	Lead	0.0110 mg/L			0.94	106.2

* QA data shown is from a different sample or standard on the same date.

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Signature *Y. L. Pugh*
 Environmental Services Co., Inc.

