

Allen

SEMI-ANNUAL REPORT FOR USERS REGULATED BY THE ALUMINUM FORMING CATEGORY

Use of this form is not an EPA/PC&E requirement. Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Saint Jean Industries Inc.
424 Industrial Park Rd.
Heber Springs AR 72543

AFIN: 12-00058
Permit #: ARP001050

B. FACILITY & LOCATION ADDRESS

Same as Legal Name & Mailing Address

C. FACILITY CONTACT: Greg Cothren, EHS Coordinator

TELEPHONE NUMBER: 501-362-9590

(2) REPORTING PERIOD--FISCAL YEAR November 2009

A. MONTHS WHICH REPORTS ARE DUE

May & November

B. PERIOD COVERED BY THIS REPORT

FROM: 5-1-2009

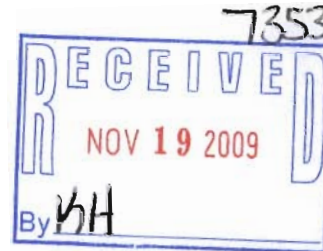
TO: 10-31-2009

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES per 40 CFR Part 467 Subpart D
Pretreatment standards for new sources

PROCESS	PRODUCTION--off/lbs	PROD'N DAYS*
§467.46 Core (MWS)	N/A	
§467.46 Sol Ht Trt	3, 926,948	
§467.46 Clean/Etch Bath	N/A	
§467.46 Clean/Etch Rinse	N/A	

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.



*compliant & complete
no action necessary
AE*

ARP001050
12-00058

*Show dates and number of days between dates.

C. Number of Regular Employees at this Facility 220

D. [Reserved]

SEMI-ANNUAL REPORT CON'D

FACILITY NAME: Saint Jean Industries-Heber Springs AR

(4) FLOW MEASUREMENT (CON'D)

B. INDIVIDUAL PROCESS WASTESTREAMS DISCHARGED TO POTW

Operation	Ave Tot Flow ¹	Gals & Number ²	Type of Discharge	No. Disc Days
§467.46 Core-Misc. WS	NA			*****
§467.46 Sol Heat Trt.	1384	*****	Continuous	184
§467.46 C/E Bath	N/A			
§467.46 C/E Rinse	N/A			
Total Regulated	1384			184
§403.6(e) Unregulated ³	NA			
§403.6(e) Dilute	NA			
Non-Contact Cool. Water	2253	*****	Continuous	184
Sanitary	4400	*****	Continuous	184
Total Flow to POTW	8037	*****	*****	*****

¹"Ave Tot Flow" is the "total gallons discharged divided by the number of discharge days" during the reporting period. Note that "Ave Tot Flow" times "No. Disc Days" must equal the actual total gallons discharged to the POTW for this six month period.

²List the total gallons in each batch and the number of times the batch was released to the POTW; e.g., 300 gal/batch & 4 times.

³"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 ON 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.

Conc. (Mg/l)	Cr		CN-NA		Zn		TTO-NA		O&G			
	SHT		SHT		SHT		SHT		SHT	Bath	Rinse	
Max Allow. Conc.	1.41				3.85					37.66		
Ave Allow Conc.	.573				1.59					37.66		
Max Measured Conc.	<.007				.002					<5		
Ave Measured Conc.	<.007				.002					<5		

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. CHECK ONE: CYANIDE ANALYSIS ATTACHED CYANIDE CERTIFICATION PROVIDED BELOW (September SAR Only)

In accordance with §467.03(a), based on my inquiry of the person or persons directly responsible for managing compliance with pretreatment standards, I certify that to the best of my knowledge, cyanide has not been used or generated and will not be used or generated in our processes which are regulated by the Aluminum Forming (40 CFR 467.46) categorical pretreatment standards since analyzing the first wastewater sample in January, February, March, April or May of this calendar year; and that the results of the first analysis contained less than 0.07 mg/l cyanide.

Yves Mayet-Plant Manager
(Typed Name)

X

(Corporate Officer or authorized representative)

Date of Signature

11/10/09

B. CHECK ONE: REQUIRED TOXIC ORGANIC ANAL ATT'D O & G ANAL ATTACHED

In accordance with §467.03(b), as an alternative monitoring procedure for pretreatment, the POTW user may measure and limit oil and grease to the levels shown in Section 5.C in lieu of measuring and regulating total toxic organics (TTO).

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF Cleburne)

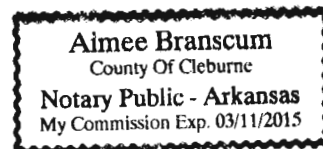
Before me, the undersigned authority, on this day personally appeared Yves Mayet of Saint Jean Industries,

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 10th day of November, 2009

Aimee Branscum
Notary Public in and for Cleburne
County, Arkansas

My commission expires 3-11-2015



SEMI-ANNUAL REPORT CON'D

FACILITY NAME: Saint Jean Industries-Heber Springs AR

(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:

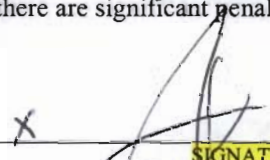
(8) GENERAL COMMENTS

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

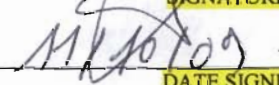
I certify under penalty of law that I have personally examined and am familiar with the information in this semi-annual compliance report and all attachments, and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Yves Mayet
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Plant Manager
OFFICIAL TITLE

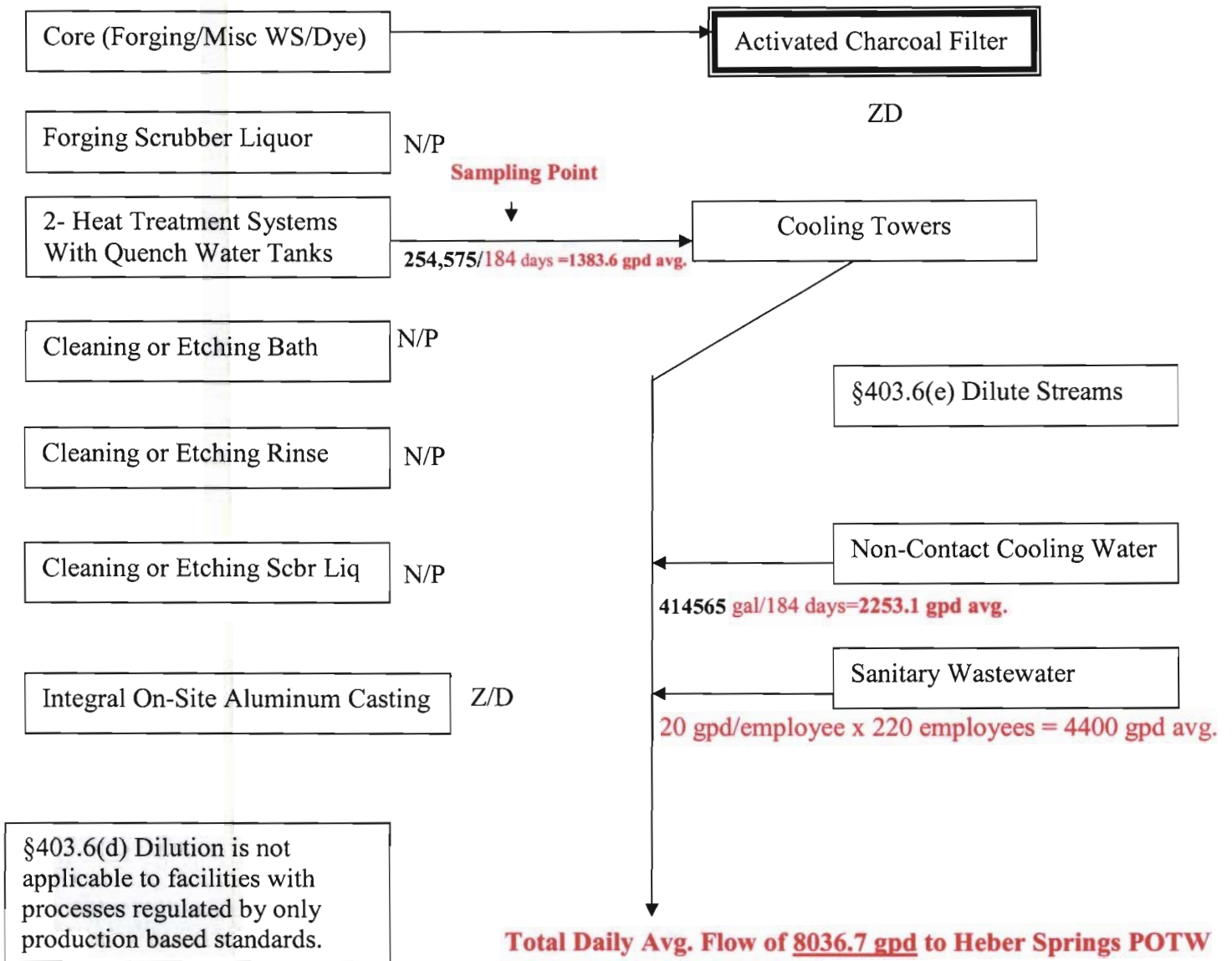
X 

SIGNATURE



DATE SIGNED

Saint Jean Industries, Heber Springs, AR
AFIN: 12-00058 Permit #: ARP001050
 40 CFR 467.46 Subpart D Forging Sub-category
 Reporting Period: 5/1/2009 to 10/30/2009



§403.6(d) Dilution is not applicable to facilities with processes regulated by only production based standards.

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.

[Handwritten Signature]

11/10/09

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.

X

[Handwritten Signature]

11/10/09

Plant Manager or the authorized §403.12(i) official

Date

COOLING WATER DISCHARGE LOG

May 2009 thru October 2009

QUENCH		CASTING	
5/6/2009 Reading:	4,292,291	Reading:	5,504,933
May Dischage	23,509	May Dischage	42,567
06/01/09 Reading:	4,315,800	Reading:	5,547,500
Jun. Dischage	75,205	Jun. Dischage	87,160
07/08/09 Reading:	4,391,005	Reading:	5,634,660
Jul. Dischage	18,873	Jul. Dischage	65,145
8/5/2009 Reading:	4,409,878	Reading:	5,699,805
Aug. Dischage	51,871	Aug. Dischage	93,861
9/10/2009 Reading:	4,461,749	Reading:	5,793,666
Sept. Dischage	41,861	Sept. Dischage	85,202
10/7/2009 Reading:	4,503,610	Reading:	5,878,868
Oct. Dischage	43,256	Oct. Dischage	40,630
11/4/2009 Reading:	4,546,866	Reading:	5,919,498

Six Month Total Discharge Quench 254575
 Days: 184

Casting 414565

6 Month Average	42,429	69,094
Daily Average=	1384	2253
High Month=	Jun - 75,205	Aug - 93,861

David Yates - takes readings the first Wednesday of every month

Monthly Chemical Allowances

Calculations

	Maximum for any 1 day	Maximum for Monthly Average	Daily	Monthly Avg	Conversion Factor (8.34) to mg/l Maximum Daily	Conversion Factor (8.34) to mg/l Max Monthly Avg
Chromium	0.76	0.31	0.016	0.00662	1.41	0.573
Zinc	2.08	0.86	0.044	0.01835	3.85	1.59
Oil & Grease	20.37	20.37	0.435	0.43474	37.66	37.66

Production lbs	3,926,948	off/lbs	millions	3.926948	mil-lbs/day	0.0213
Heat Treat						
Water Discharge	1384	Avg.gal per day		0.001384		
Days in Period	184					



Saint Jean Industries
Cast/Forged Products
424 Industrial Park Road
Heber Springs, AR 72543

ANALYTICAL RESULTS

AIC No. 133670-1
Sample Identification: #1 11-5-09 3:45pm,3:50pm

Analyte	Method	Result	RL	Units	Batch	Qualifier
Chromium	EPA 200.7	< 0.007	0.007	mg/l	S26691	
Zinc	EPA 200.7	0.30	0.002	mg/l	S26691	
Oil and Grease	EPA 1664A	< 5	5	mg/l	B6014	



Saint Jean Industries
 Cast/Forged Products
 424 Industrial Park Road
 Heber Springs, AR 72543

QUALITY CONTROL PREPARATION REPORT

LABORATORY CONTROL SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Metals	09NOV09 1551 270	09NOV09 1931 270		S26691-2	
Metals	09NOV09 1551 270	09NOV09 1933 270		S26691-3	
Oil and Grease	06NOV09 1144 100	06NOV09 1428 100		B6014-2	
Oil and Grease	06NOV09 1144 100	06NOV09 1428 100		B6014-3	

MATRIX SPIKE SAMPLES

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Metals	09NOV09 1551 270	09NOV09 1936 270		S26691-4	
Metals	09NOV09 1551 270	09NOV09 1940 270		S26691-5	

LABORATORY BLANKS

Analyte	Date/Time Prepared By	Date/Time Analyzed By	Dilution	QC Sample	Qualifier
Metals	09NOV09 1551 270	09NOV09 1928 270		S26691-1	
Oil and Grease	06NOV09 1144 100	06NOV09 1428 100		B6014-1	

Client: <u>Saint Jean Industries, Inc</u>			PO No.			ANALYSES REQUESTED			AIC CONTROL NO: <u>133670</u>		
Project Reference: <u>Water Sampling / Semi Annual</u>			SAMPLE MATRIX						AIC PROPOSAL NO:		
Project Manager: <u>Greg Cothren</u>			WATER						Carrier: <u>Greg</u>		
Sampled By: <u>Greg Cothren</u>			G R A B						Received Temperature C		
AIC No.	Sample Identification	Date/Time Collected	Container Type	Preservative	NO OF BOTTLES						Remarks
1	Plastic #1	3:45 pm 11/5/09	G	P							
1	Glass #1	3:50 pm 11-5-09	S	N							

Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN _____ DAYS Expedited results requested by: _____	Relinquished Date/Time By: <u>Greg Cothren</u> 11/6/09 9:08 pm	Received Date/Time By: _____
Who should AIC contact with questions: <u>Greg Cothren</u> Phone: <u>501-362-9500</u> Fax: <u>501-362-9584</u>	Relinquished Date/Time By: _____	Received in Lab Date/Time By: <u>Greg Cothren</u> 11-6-09
Report Attention to: <u>Greg Cothren</u> Report Address to: <u>Saint Jean Industrial</u> <u>424 Industrial Park Rd.</u> <u>Heber Springs, Ar. 72543</u>		

Container Type: <u>G</u> P Preservative: <u>S</u> N NO = none G = Glass P = Plastic S = Sulfuric acid pH2 N = Nitric acid pH2 V = VOA vials H = HCl to pH2 B = NaOH to pH12 T = Sodium Thiosulfate Z = Zinc acetate	Field pH calibration on _____ @ _____ Buffer: _____
--	--