

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: 501-362-9572

(2) REPORTING PERIOD - FISCAL YEAR: November, 2010

A. MONTHS WHICH REPORTS ARE DUE

May & November

B. PERIOD COVERED BY THIS REPORT

FROM: 5/1/2010

TO: 10/31/2010

(3) DESCRIPTION OF OPERATION

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

<u>PROCESS</u>	<u>PRODUCTION--off/lbs</u>	<u>PROD'N DAYS*</u>
§467.46 Core (MWS)	N/A	
§467.46 Sol Ht Trt	6,184, 235	
§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.

*Show dates and number of days between dates.

C. Number of Regular Employees at this Facility 320

D. [Reserved]

(4) FLOW MEASUREMENT (COND)

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.	853	*****	Continuous	184
§467.46 C/E Bath	N/A			
§467.46 C/E Rinse	N/A			
Total Regulated	853			184
§403.6(e) Unregulated ³	NA			
§403.6(e) Dilute	NA			
Non-Contact Cool. Water	2132	*****	Continuous	184
Sanitary	6400	*****	Continuous	184
Total Flow to POTW	9385	*****	*****	*****

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.

² List 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.	3.59						9.83						96.24		
Ave Allow Conc.	1.47						4.06						96.24		
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.

Alban Si Larbi -Plant Manager
(Typed Name)

[Handwritten Signature]

(Corporate Officer or authorized representative)

Date of Signature

11/12/10

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 Alban Si Larbi of Saint Jean Industries,

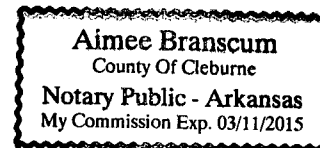
a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this 12th day of November, 2010

[Handwritten Signature: Aimee Branscum]

Notary Public in and for Cleburne
County, Arkansas

My commission expires 3-11-2015



(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:

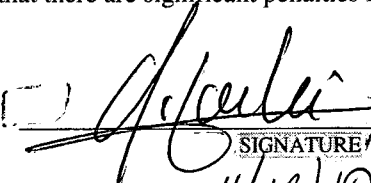
(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(1)]

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.

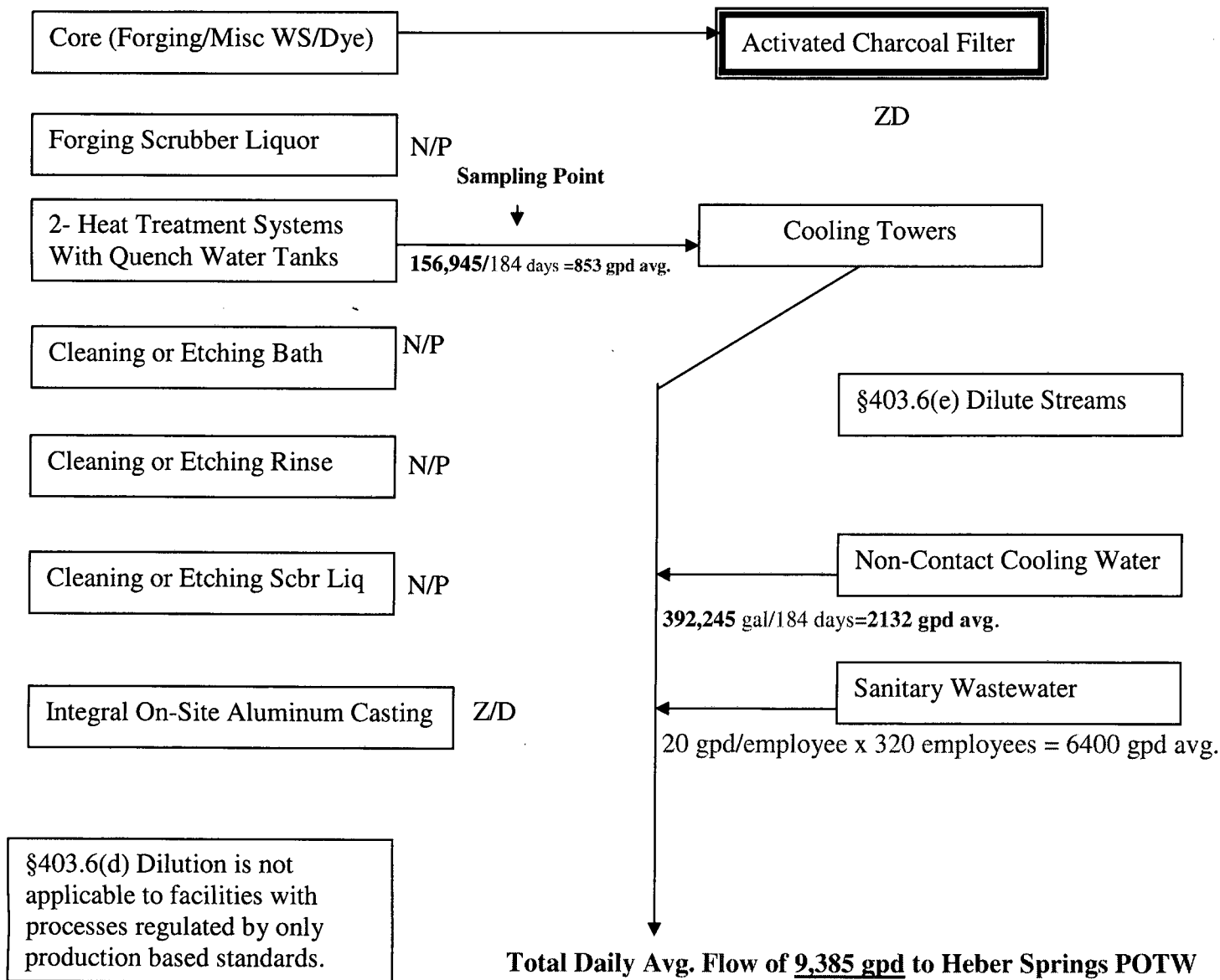
Alban Si Larbi
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Plant Manager
OFFICIAL TITLE


SIGNATURE

11/12/10
DATE SIGNED

Saint Jean Industries, Heber Springs, AR
AFIN: 12-00058 Permit #: ARP001050
 40 CFR 467.46 Subpart D Forging Sub-category
 Reporting Period: 5/1/2010 to 10/31/2010



§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.

[Signature]
 Signature of §403.12(b) Professional

11/9/10
 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.

[Signature]
 Plant Manager or the authorized §403.12(d) official

11/12/10
 Date

COOLING WATER DISCHARGE LOG

May 2010 thru October 2010

QUENCH		CASTING	
5/6/2010 Reading:	4,791,598	Reading:	6,250,502
May Dischage	30,950	May Dischage	28,570
06/02/10 Reading:	4,822,548	Reading:	6,279,072
Jun. Dischage	49,217	Jun. Dischage	79,919
07/13/10 Reading:	4,871,764	Reading:	6,358,992
Jul. Dischage	21,715	Jul. Dischage	58,440
8/6/2010 Reading:	4,893,479	Reading:	6,417,431
Aug. Dischage	14,481	Aug. Dischage	105,159
9/9/2010 Reading:	4,907,960	Reading:	6,522,590
Sept. Dischage	18,218	Sept. Dischage	69,671
10/11/2010 Reading:	4,926,178	Reading:	6,592,261
Oct. Dischage	22,365	Oct. Dischage	50,487

11/5/2010 Reading: 4,948,543 Reading: 6,642,747

Six Month Total Discharge Quench 156,945
 Days: 184

Casting 392,245

6 Month Average	26,158	65,374
Daily Average=	853	2132
High Month=	49,217 - June	105,159 - August

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
Chromium	0.76	0.31	0.026	0.01042
Zinc	2.08	0.86	0.070	0.02890
Oil & Grease	20.37	20.37	0.685	0.68464

Conversion Factor (8.34) to mg/l Maximum Daily	Conversion Factor (8.34) to mg/l Max Monthly Avg
3.59	1.465
9.83	4.06
96.24	96.24

Production lbs off/lbs millions mil-lbs/day
 6.184235

Heat Treat

Water Discharge Avg.gal per day

Days in Period

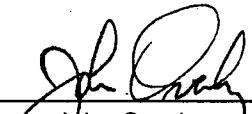


Saint Jean Industries
ATTN: Mr. Greg Cothren
Cast/Forged Products
424 Industrial Park Road
Heber Springs, AR 72543

This report contains the analytical results and supporting information for the sample submitted on October 28, 2010. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

NOV 1 2010
11:4

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

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on October 28, 2010
Semi-Annual Waste Water Sample
P.O. No. HS-PO000004865

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with shipping documentation.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
142846-1	#1 10/27/10 8:45,8:50am	27-Oct-2010 0850	

Case Narrative:

There were no qualifiers for this data and all samples met quality control criteria.

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements. EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
"Standard Methods for the Examination of Water and Wastewaters", 20th edition, 1998.
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

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

ANALYTICAL RESULTS

AIC No. 142846-1
Sample Identification: #1 10/27/10 8:45,8:50am

Analyte	Result	RL	Units	Qualifier
Chromium EPA 200.7	0.013 Prep: 28-Oct-2010 1320 by 297	0.007 Analyzed: 29-Oct-2010 1612 by 270	mg/l Batch: S28849	
Zinc EPA 200.7	0.28 Prep: 28-Oct-2010 1320 by 297	0.002 Analyzed: 29-Oct-2010 1612 by 270	mg/l Batch: S28849	
Oil and Grease EPA 1664A	< 5 Prep: 28-Oct-2010 1606 by 100	5 Analyzed: 29-Oct-2010 1100 by 100	mg/l Batch: B6595	

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

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Chromium	0.5 mg/l	101	85.0-115			S28849	28Oct10 0913 by 297	29Oct10 1529 by 270		
Zinc	0.5 mg/l	101	85.0-115			S28849	28Oct10 0913 by 297	29Oct10 1529 by 270		
Oil and Grease	40 mg/l	97.0	78.0-114			B6595	28Oct10 1606 by 100	29Oct10 1100 by 100		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Chromium	142820-1	0.5 mg/l	95.9	75.0-125	S28849	28Oct10 0913 by 297	29Oct10 1532 by 270		
	142820-1	0.5 mg/l	94.7	75.0-125	S28849	28Oct10 0913 by 297	29Oct10 1535 by 270		
	Relative Percent Difference:			1.18	20.0	S28849			
Zinc	142820-1	0.5 mg/l	93.0	75.0-125	S28849	28Oct10 0913 by 297	29Oct10 1532 by 270		
	142820-1	0.5 mg/l	93.3	75.0-125	S28849	28Oct10 0913 by 297	29Oct10 1535 by 270		
	Relative Percent Difference:			0.371	20.0	S28849			
Oil and Grease	142813-2	40 mg/l	101	78.0-114	B6595	28Oct10 1606 by 100	29Oct10 1100 by 100		

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Chromium	< 0.007 mg/l	0.007	0.007	S28849-1	28Oct10 0913 by 297	29Oct10 1526 by 270	
Zinc	< 0.002 mg/l	0.002	0.002	S28849-1	28Oct10 0913 by 297	29Oct10 1526 by 270	
Oil and Grease	< 5 mg/l	5	5	B6595-1	28Oct10 1606 by 100	29Oct10 1100 by 100	

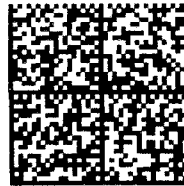
CERTIFIED MAIL™

Saint Jean Industries, Inc.

**424 Industrial Park Road
Heber Springs, Arkansas 72541**



7010 0780 0000 4926 8053



045J83094271

\$5.880

11/15/2010

Mailed From 72543



US POSTAGE

**RETURN RECEIPT
REQUESTED**

ADEQ

Arkansas Department of Environmental Quality

ATTN : Allen Gilliam

5301 Northshore Drive

North Little Rock , AR 72118

7211835317 R015

