

Wilson, Tabatha

From: Gilliam, Allen
Sent: Monday, June 30, 2014 8:33 AM
To: Jimmy Brown
Cc: Edward Rowlett; Junko Hatashita; Tommie Purifoy; Fuller, Kim; Wilson, Tabatha
Subject: AR0021971_HINO Motors ARP001025 June 2014 Semi Annual Pretreatment Report with ADEQ reply_20140630
Attachments: Semi-Annual Report for Industrial Usewr Regulated by 40 CFR 433.pdf

Bo,

Hino Motors June 2014 semi-annual Pretreatment Report (attached) was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 CFR 433.17. No further action is deemed necessary at this time.

Thank you for your timely report remaining in compliance with the Federal Pretreatment requirements in 40 CFR 403.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

cc: Jim Shempert, City of Marion, Utilities Manager

[E/NPDES/NPDES/Pretreatment/Reports](#)

From: Jimmy Brown [<mailto:JBrown@HMMUSA.COM>]
Sent: Friday, June 27, 2014 6:07 PM
To: Gilliam, Allen
Cc: Edward Rowlett; Junko Hatashita; Tommie Purifoy
Subject: Semi-annual waste water report

Allen,

Good afternoon, hope you are doing well.

Attached is the Semi-Annual waste water report.

Thank you,
Bo Brown
Manager
Production Maintenance
Hino Motors Mfg.
Cell-870-635-0400
Office-870-702-3021

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(c).

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Hino Motor Manufacturing U.S.A., Inc.
100 Hino Boulevard
Marion, AR 72364

B. FACILITY & LOCATION ADDRESS

Hino Motor Manufacturing U.S.A., Inc.
100 Hino Boulevard
Marion, AR 72364

C. FACILITY CONTACT:

TELEPHONE NUMBER:

e-mail:

(2) REPORTING PERIOD--FISCAL YEAR From _____ to _____ (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

July & December

B. PERIOD COVERED BY THIS REPORT

FROM: January TO: June

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

COE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

Electroplating

Electroless Plating

Anodizing

Cating (conversion)

Chemical Etching and Milling

Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

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.

*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

C. Number of Regular Employees at this Facility 380

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Ancillary)	2435.67		Batch per 8 hours
Regulated (Cyanide)			
'403.6(e)			
'403.6(e) Dilute			
Cooling Water			
Sanitary	20 gal. per person		Continuous
Total Flow to POTW	10,035.67		Continuous

*If batch discharged please list the period of time between each batch discharge. Do not normalize over that period for the average flow.

***"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 Filter Press
- None

B. COMMENTS ON TREATMENT SYSTEM

The regulated process waste is not mixed with sanitary waste at time of metering.

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.

40 CFR 433.17 Pollutant(mg/l) limits	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 Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.002	<0.005	0.009	<0.006	0.557	<0.005	0.074	<0.010	Toxic Organic scan attached
Avg Measured**									*

Sample Location Pretreatment Discharge Tank

Sample Type (Grab* or Composite) Grab

*If Grab, list # of grabs over what period of time

Number of Samples and Frequency Collected 6 Samples taken semiannual

40CFR136 Preservation and Analytical Methods Use: Yes No (include complete Chain of Custody)

*If a TOMP has been submitted and approved by ADEQ place N/A.

**A value here is the average of all samples taken during one (1) calendar month regardless of number of samples taken. If only one (1) sample is taken it must meet the monthly average limitation.

(6) CERTIFICATION

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.

(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature _____

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 _____.

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

602[42U.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 including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservation:

- 1.
2.
3.
4.
5.

(8) GENERAL COMMENTS

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.

Jimmy "Bo" Brown
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Maintenance Manager
OFFICIAL TITLE

Handwritten signature of Jimmy Bo Brown
SIGNATURE

27 June, 2014
DATE SIGNED

5/28/2014

Hino Motor Manufacturing USA, Inc.
Attn: Jimmy Brown (Beau)
10 Hino Blvd
Marion, AR, 72364

Ref: Analytical Testing
ETC Report Number: 14-136-0304
Client Project Description: Semi-annual

Dear Mr. Jimmy Brown (Beau):

Environmental Testing and Consulting, Inc. received sample(s) on 5/16/2014 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

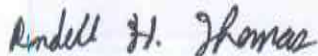
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '-' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Per EPA Methods Update Rule (May 2012), all methods from Standard Methods for the Examination of Water and Wastewater are reported to include the year of approval.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180-11-6	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #41	Kansas #E-10396





Client: Hino Motor Manufacturing USA, Inc.

CASE NARRATIVE

Project: Semi-annual

Report Number: 14-136-0304

Date: 5/28/2014

Smivolatile Organic Compounds - GC/MS Method EPA-625

Sample 90301 (Water)

Batch No: L199655

Sample required dilution due to high levels of non-target analytes.



ENVIRONMENTAL TESTING & CONSULTING, INC.

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2790 Whitten Road

Memphis, Tennessee 38133

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Fax (901) 213-2440

"A Laboratory Management Partner"

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Hino Motor Manufacturing USA, Inc.

Mr. Jimmy Brown (Beau)

100 Hino Blvd

Marion, AR 72364

Project: Semi-annual
Information:

Report Date : 05/28/2014

Received : 5/16/2014

Randell H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample ID: Water

Matrix: Aqueous

Sampled: 5/16/2014 13:00

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Total Cyanide	<0.010	mg/L	0.010	1	05/20/14 10:05	EWB	4500CNE-2011
Total Cadmium	<0.002	mg/L	0.002	1	05/19/14 23:51	BKN	EPA-200.7
Total Chromium	<0.005	mg/L	0.005	1	05/19/14 23:51	BKN	EPA-200.7
Total Copper	0.009	mg/L	0.005	1	05/19/14 23:51	BKN	EPA-200.7
Total Lead	<0.006	mg/L	0.006	1	05/19/14 23:51	BKN	EPA-200.7
Total Nickel	0.557	mg/L	0.005	1	05/19/14 23:51	BKN	EPA-200.7
Total Silver	<0.005	mg/L	0.005	1	05/19/14 23:51	BKN	EPA-200.7
Total Zinc	0.074	mg/L	0.010	1	05/19/14 23:51	BKN	EPA-200.7

Qualifies/Definitions

* Outside QC limit
 MQL Method Quantitation Limit

DF Dilution Factor



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Mr. Jimmy Brown (Beau)

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Marion, AR 72364

Project Semi-annual
Information :

Report Date : 05/28/2014

Received : 5/16/2014

Randall H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Matrix: Aqueous

Sample ID: Water

Sampled: 5/16/2014 13:00

Analytical Method: 608

Prep Method: EPA-608 (PREP)

Prep Batch(es): L199627

Date/Time Prepped: 5/20/2014 10:40:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
alpha-BHC	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
beta-BHC	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
delta-BHC	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Chlordane	<0.200	µg/L	0.200	10	05/20/14 14:43	VIC	L199781
4,4'-DDE	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
4,4'-DDE	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
4,4'-DDT	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Dieldrin	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Endosulfin I	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Endosulfin II	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Endosulfin Sulfate	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Endrin	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
gamma-HCH	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Heptachlor	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	05/20/14 14:43	VIC	L199781
Toxaphene	<0.300	µg/L	0.300	10	05/20/14 14:43	VIC	L199781
Surrogate: Decachlorobiphenyl	80.6		Limits: 36-116%	10	05/20/14 14:43	VIC	L199781
Surrogate: Tetrachloro-m-xylene	64.0		Limits: 25-123%	10	05/20/14 14:43	VIC	L199781

Qualifiers/ Definitions

*	Outside QC limit	DF	Dilution Factor
I	Recovery out of range	MQL	Method Quantitation Limit



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Hindor Manufacturing USA, Inc.

Mr. Tony Brown (Beau)

100 Hwy Blvd

Marion AR 72364

Project: Semi-annual
Information:

Report Date : 05/28/2014

Received : 5/16/2014

Randall H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample ID: Water

Matrix: Aqueous

Sampled: 5/16/2014 13:00

Analytical Method: 624

Prep Method: EPA-624 (PREP)

Prep Batch(es): L199400

Date/Time Prepped: 5/17/2014 09:15:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<20.0	µg/L	20.0	1	05/17/14 17:54	ACS	L199405
Acrylonitrile	<20.0	µg/L	20.0	1	05/17/14 17:54	ACS	L199405
Benzene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Bromodichloromethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Bromofluoromethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Bromochloromethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Carbon tetrachloride	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Chlorobenzene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Chlorodibromomethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Chloroethene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
2-Chloroethyl Vinyl Ether	<5.00	µg/L	5.00	1	05/17/14 17:54	ACS	L199405
Chloroform	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Chloroformane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,2-Dichlorobenzene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,3-Dichlorobenzene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,4-Dichlorobenzene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,1-Dichloroethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,2-Dichloroethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,1-Dichloroethene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
cis-1,2-Dichloroethene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
trans-1,2-Dichloroethene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,2-Dichloroethene (Total)	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405

Qualifier/Definition: * Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit



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Project Semi-annual
Information :

Report Date : 05/28/2014
Received : 5/16/2014

Randell H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample ID: Water

Matrix: Aqueous
Sampled: 5/16/2014 13:00

Analytical Method: 624

Prep Method: EPA-624 (PREP)

Prep Batch(es): L199400

Date/Time Prepped: 5/17/2014 09:15:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dichloropropane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
cis-1,3-dichloropropene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
trans-1-Dichloropropene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,3-Dichloropropene (Total)	<1.00	µg/L	1.00	1	05/17/14 17:54		L199405
Ethylbenzene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Methylene Chloride	<10.0	µg/L	10.0	1	05/17/14 17:54	ACS	L199405
1,1,1,2-tetrachloroethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,1,2,2-tetrachloroethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Tetrachloroethene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Toluene	<5.00	µg/L	5.00	1	05/17/14 17:54	ACS	L199405
1,1,1-Trichloroethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
1,1,2-Trichloroethane	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Trichloroethene	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Vinyl Chloride	<1.00	µg/L	1.00	1	05/17/14 17:54	ACS	L199405
Surrogate: 4-Bromofluorobenzene	98.8		Limits: 71-131%	1	05/17/14 17:54	ACS	L199405
Surrogate: Dibromofluoromethane	78.8		Limits: 70-128%	1	05/17/14 17:54	ACS	L199405
Surrogate: 1,2-Dichloroethane - d4	120		Limits: 67-136%	1	05/17/14 17:54	ACS	L199405
Surrogate: Toluene-d8	99.8		Limits: 70-130%	1	05/17/14 17:54	ACS	L199405

Qualifiers/	*	Outside QC limit	DF	Dilution Factor
Definitions	I	Recovery out of range	MQL	Method Quantitation Limit



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Hino Motor Manufacturing USA, Inc.

Mr. Jerry Brown (Beau)

100 1st Blvd

Marion, AR 72364

Project Semi-annual
Information :

Report Date : 05/28/2014

Received : 5/16/2014

Randall H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample ID: Water

Matrix: Aqueous

Sampled: 5/16/2014 13:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L199479

Date/Time Prepped: 5/19/2014 11:00:00

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Acenaphthylene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Anthracene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Benzidene	<200	µg/L	200	10	05/20/14 21:25	BMP	L199655
Benzo(a)anthracene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Benzo(a)pyrene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Benzo(b)fluoranthene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Benzo(g,h,i)perylene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Benzo(k)fluoranthene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Bis(2-Chloroethoxy)methane	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Bis(2-Chloroethyl)ether	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Bis(2-Chloroisopropyl)ether	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Bis(2-ethylhexyl)phthalate	<100	µg/L	100	10	05/20/14 21:25	BMP	L199655
4-Bromophenyl phenyl ether	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Butyl benzyl phthalate	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
4-Chloro-1-methylphenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2-Chlorophthalene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2-Chlorophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
4-Chlorophenyl phenyl ether	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Chrysene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Dibenz(a,h)anthracene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
1,2-Dichlorobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655

Qualifies/
Definitions

*

Outside QC limit

DF

Dilution Factor

I

Recovery out of range

ML

Method Quantitation Limit



ENVIRONMENTAL TESTING & CONSULTING, INC.

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2790 Whitten Road

Memphis, Tennessee 38133

(901) 213-2400

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"A Laboratory Management Partner"

1034

Hilno Motor Manufacturing USA, Inc.

Mr. Jimmy Brown (Beau)

100 Ito Blvd

Marion, AR 72364

Project Semi-annual

Information :

Report Date : 05/28/2014

Received : 5/16/2014

Randell H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample ID: Water

Matrix: Aqueous

Sampled: 5/16/2014 13:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L199479

Date/Time Prepped: 5/19/2014 11:00:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,3-Dibromobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
1,4-Dibromobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
3,3'-Dibromobenzidine	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2,4-Dibromophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Diethylphthalate	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Dimethylphthalate	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2,4-Dinitrophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Di-n-butyl phthalate	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
4,6-Dinitro-2-methylphenol	<100	µg/L	100	10	05/20/14 21:25	BMP	L199655
2,4-Dinitrophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2,4-Dinitrotoluene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2,6-Dinitrotoluene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Di-n-Octyl Phthalate	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
1,2-Diphenylhydrazine/Azobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Fluoranthene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Fluorene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Hexachlorobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Hexachlorobutadiene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Hexachlorocyclopentadiene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Hexachloroethane	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Indeno(1,2,3-cd)pyrene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Isophorene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655

Qualifies/
Definitions

*
I

Outside QC limit
Recovery out of range

DF
MQL

Dilution Factor
Method Quantitation Limit



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Hino Motor Manufacturing USA, Inc.

Mr. Jimmy Brown (Beau)

100 Hix Blvd

Marion AR 72364

Project Semi-annual
Information :

Report Date : 05/28/2014

Received : 5/16/2014

Randell H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample : Water

Matrix: Aqueous

Sampled: 5/16/2014 13:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L199479

Date/Time Prepped: 5/19/2014 11:00:00

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Naphthalene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Nitrobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2-Nitrophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
4-Nitrophenol	<200	µg/L	200	10	05/20/14 21:25	BMP	L199655
N-Nitrosodimethylamine	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
N-Nitrosophenylamine	<100	µg/L	100	10	05/20/14 21:25	BMP	L199655
N-Nitrosodi-n-propylamine	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Pentachlorophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Phenanthrene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
Phenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Pyrene	<20.0	µg/L	20.0	10	05/20/14 21:25	BMP	L199655
1,2,4-Trichlorobenzene	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
2,4,6-Trichlorophenol	<50.0	µg/L	50.0	10	05/20/14 21:25	BMP	L199655
Surogate: 2-Fluorobiphenyl	81.8		Limits: 38-107%	10	05/20/14 21:25	BMP	L199655
Surogate: 2-Fluorophenol	38.7		Limits: 8-88%	10	05/20/14 21:25	BMP	L199655
Surogate: Nitrobenzene-d5	80.1		Limits: 29-105%	10	05/20/14 21:25	BMP	L199655
Surogate: Phenol-d6	26.0		Limits: 7-58%	10	05/20/14 21:25	BMP	L199655
Surogate: 4-Terphenyl-d14	94.9		Limits: 30-130%	10	05/20/14 21:25	BMP	L199655
Surogate: 2,4,6-Tribromophenol	91.0		Limits: 16-138%	10	05/20/14 21:25	BMP	L199655

Qualifier/
Definition

*
I

Outside QC limit
Recovery out of range

DF
MQL

Dilution Factor
Method Quantitation Limit



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Hino Motor Manufacturing USA, Inc.

Mr. Jimmy Brown (Beau)

100 Hb Blvd

Marion, AR 72364

Project Information : Semi-annual

Report Date : 05/28/2014

Received : 5/16/2014

Randell H. Thomas

Report Number : 14-136-0304

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No: 90301

Sample: Water

Matrix: Aqueous
Sampled: 5/16/2014 13:00

Analytical Method: EPA-608 (PCB)

Prep Method: EPA-608 (PCB Prep)

Prep Batch(es): L199636

Date/Time Prepped: 5/20/2014 10:00:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1216	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Aroclor 1221	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Aroclor 1232	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Aroclor 1242	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Aroclor 1248	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Aroclor 1254	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Aroclor 1260	<0.200	µg/L	0.200	1	05/20/14 14:02	VIC	L199673
Surrogate: Decachlorobiphenyl	56.4		Limits: 25-125%	1	05/20/14 14:02	VIC	L199673
Surrogate: Tetrachloro-m-xylene	68.9		Limits: 25-125%	1	05/20/14 14:02	VIC	L199673

Qualifiers/Definitions

*	Outside QC limit	DF	Dilution Factor
I	Recovery out of range	MQL	Method Quantitation Limit

Cooler Receipt Form

Customer Number: **10349**
Customer Name: **Hino Motor Manufacturing USA, Inc.**
Report Number: **14-136-0304**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: #2

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input checked="" type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input checked="" type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Date & Time:



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Hino Motor Manufacturing USA, Inc.
Semi-annual

14-136-0304
10349
05-16-2014
14:47:40

Company Name Hino Motor Manufacturing USA, Inc.				Customer Number 10349		Telephone (870) 635-1367		RUSH	ICE
Site Name Semi-annual			Project Comment					FID Number	
Project			Project Number		PO Number				
Project Manager / Contact Mr. Beau Brown				E-mail bbrown@hmmusa.com					
Sample ID	Container Type	Collected Date / Time	# Cont	Preservative	Grab / Comp	Matrix	Analyses		
	Glass Vial Amber - 40ml	5/16/14	3	HCL - Hydrochloric Acid		Aqueous	624 - TTO - VOC		
	Glass Amber - Liter	6:00	2	Na2S2O3 - Sodium Thiosulfate		Aqueous	625, 608 - TTO - SVOC, PCB, Pesticides		
	Plastic - Pint	I	1	NaOH - Sodium Hydroxide		Aqueous	CNT		
	Plastic - Pint	I	1	HNO3 - Nitric Acid		Aqueous	Cd, Cr, Cu, Pb, Ni, Ag, Zn		

(20)

Sampled By Jimmy Miller		Method of Shipment		Blank / Cooler Temperature CP started		Remarks	
Relinquished By (sign) [Signature]		Date / Time 5-16-14 1:30		Received By (sign) Be Brown		Date / Time 5-16-2014	
Relinquished By (sign) Be Brown		Date / Time 2:40 5-16-2014		Received By (sign)		Date / Time	
Relinquished By (sign)		Date / Time		Received by Lab (sign) [Signature]		Date / Time 5/16/14-1440	