Peltier, Hannah

From: Gilliam, Allen
Sent: Wednesday, April 15, 2015 1:49 PM
To: Exley, Aaron [NMCA-MEN]; charles.menawater@SBCglobal.net
Cc: randy.wiseman@nidec-motor.com; Denise Georgiou (Denise.Georgiou@CH2M.com); Mena Mike Spencer (menawwtp@gmail.com) (menawwtp@gmail.com); Fuller, Kim; Peltier, Hannah
Subject: AR0036692_Nidec ARP000026 April 2015 Semi Annual Pretreatment Report_20150415
Attachments: April 2015 signed.pdf

Aaron,

Nidec's April 2015 semi-annual Pretreatment report was electronically received, reviewed, deemed complete and compliant with the reporting requirements per 40 CFR 403.12(e) and more specifically in compliance with Metal Finishing standards in 40 CFR 433.17. No further action is deemed necessary at this time.

Thank you for your timely report.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Charles Pitman, Mena's General Manager
Mike Spencer, Mena's Wastewater Superintendent
Denise Georgiou, CH2M Hill consultant Engineer to Mena

E/NPDES/NPDES/Pretreatment/Reports

From: Exley, Aaron [NMCA-MEN] [mailto:aaron.exley@nidec-motor.com]
Sent: Tuesday, April 14, 2015 3:32 PM
To: Gilliam, Allen; charles.menawater@SBCglobal.net
Cc: Wiseman, Randy [NMCA-STL]; Denise Georgiou (Denise.Georgiou@CH2M.com); Mena Mike Spencer (menawwtp@gmail.com) (menawwtp@gmail.com)
Subject: DMR Semi-Annual Report April Nidec Motor Corporation Mena

We also have a hard copy of the report being sent to you by Certified Mail. This report is for the period Oct. 1 – Mar. 31. Only one lab sample was completed. We get an e-mailed copy and then a hard copy by mail, both got copied in the PDF.

Aaron Exley
Environmental Health and Safety Manager
Nidec Motor Corporation
500 N. Morrow St.
Mena, Arkansas 71953
479-394-8741

100 Years of Trust, Innovation and Reliability

Nidec
All for dreams

Aaron Exley
Environmental, Health & Safety Manager

April 14, 2015

Allen Gilliam
ADEQ State Pretreatment Coordinator
5301 Northshore Drive
North Little Rock, AR 72118-5317

Charles Pitman
General Manager
Mena Wastewater Utilities
701 Mena Street
Mena, AR 71953

Dear Mr. Gilliam and Mr. Pitman,

In accordance with 40 CFR Part 403.12(e) and 40 CFR 433.17, Nidec Motor Corporation, Mena Plant is submitting its Semi-Annual Discharge Report to you for review.

We have remained compliant for the period 10/1/2014 thru 3/31/2015.

All the testing results are attached to this report.

Sincerely,

Aaron Exley

CC: Mike Spencer – Mena POTW
Randy Wiseman - Nidec

NIDEC MOTOR CORPORATION
INDUSTRIAL MOTORS & SYSTEMS – MENA PLANT: 500 North Morrow Street, Mena, AR 71953
PHONE: (479) 394-8741 FAX: (479) 394-8888 EMAIL: aaron.exley@nidec-motor.com

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

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

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS
Nidec Motor Corporation
500 N. Morrow St.
Mena, Ar 71953

B. FACILITY & LOCATION ADDRESS
Nidec Motor Corporation
500 N. Morrow St.
Mena, Ar 71953

C. FACILITY CONTACT: Aaron Exley TELEPHONE NUMBER: 479-394-8741 e-mail:aaron.exley@nidec-motor.com

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

A. MONTHS WHICH REPORTS ARE DUE

_____Oct_____ & _____April_____

B. PERIOD COVERED BY THIS REPORT

FROM: Oct 2014 TO: March 2015

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

G Electroplating
X 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
Parts washing__
Stator Submersion Test_____

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

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.

Environmental Operator Employee change, Employee was trained by prior Environmental Operator and checked by Harchem (Consultant)

C. Number of Regular Employees at this Facility

D. |Reserved|

401

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core &	91.05	1,260	Batch
Regulated (Cyanide)	-	-	-
'403.6(e) Unregulated*	-	-	-
'403.6(e) Dilute	-	-	-
Cooling Water BD	31.05	52	Continuous
Sanitary	14,595	16,249	Continuous
Total Flow to POTW	14,782	16,474	XXXXXXXX

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

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

G Neutralization
X Chemical Precipitation and Sedimentation
G Chromium Reduction
G Cyanide Destruction
G Other _____
G None

B. COMMENTS ON TREATMENT SYSTEM

No changes

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) 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	<.006	<.007	0.12	<0.04	0.39	<.007	0.12	0.040	Na*
Avg Measured**	<.006	<.007	0.12	<0.04	0.39	<.007	0.12	0.040	Na*

Sample Location Discharge from Waste Water Stream_____

Sample Type (Grab or Composite)___Grab_____

Number of Samples and Frequency Collected___1 every 6 mo. Required

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

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

**A value here can only be the average of all samples taken during one (1) calendar month.

(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.

__Mark Kinder_____
(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature 4/13/15

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF __Polk_____)

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.]

'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:
Floor drains sealed
Annual SPCC and SWPPP training
Annual Hazcom Training
Batches can be held until test results are received.

(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.

____Mark Kinder _____ _____
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE SIGNATURE

_____Plant Manager _____ 4/13/15
OFFICIAL TITLE DATE SIGNED

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Nidec Motor Corporation
ATTN: Mr. Aaron Exley
500 N Morrow Street
Mena, AR 71953

This report contains the analytical results and supporting information for samples submitted on October 13, 2014. 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

This document has been distributed to the following:

PDF cc: Nidec Motor Corporation
ATTN: Mr. Aaron Exley
aaron.exley@nidec-motor.com

Nidec Motor Corporation
500 N Morrow Street
Mena, AR 71953

SAMPLE INFORMATION

Project Description:
Two (2) water sample(s) received on October 13, 2014
Nema Carrousel
P.O. No. 16010316343

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:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
183491-1	Nema Wash #1 10/10/2014 8:50am	10-Oct-2014 0850	
183491-2	Nema Wash #2 10/10/2014 12:30pm	10-Oct-2014 1230	1

Notes:
1. Received temperature of samples did not meet regulatory requirements

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", (SM).
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Nidec Motor Corporation
500 N Morrow Street
Mena, AR 71953

ANALYTICAL RESULTS

AIC No. 183491-1
Sample Identification: Nema Wash #1 10/10/2014 8:50am

Analyte		Result	RL	Units	Qualifier
Cadmium		**0.0058**	0.004	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Chromium		**< 0.007**	0.007	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Copper		**0.12**	0.006	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Lead		**< 0.04**	0.04	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Nickel		**0.39**	0.01	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Silver		**< 0.007**	0.007	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Zinc		**0.12**	0.002	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	

AIC No. 183491-2
Sample Identification: Nema Wash #2 10/10/2014 12:30pm

Analyte		Result	RL	Units	Qualifier
Total Cyanide		**0.040**	0.01	**mg/l**	
SM 4500-CN C,E 1999	Prep: 13-Oct-2014 1417 by 308	Analyzed: 13-Oct-2014 1648 by 308		Batch: W49559	

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Nidec Motor Corporation
500 N Morrow Street
Mena, AR 71953

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	88.0	85.0-115			W49559	13Oct14 0811 by 308	13Oct14 1203 by 308		
Cadmium	0.05 mg/l	102	85.0-115			S37544	13Oct14 0831 by 271	13Oct14 1502 by 302		
Chromium	0.05 mg/l	100	85.0-115			S37544	13Oct14 0831 by 271	13Oct14 1502 by 302		
Copper	0.05 mg/l	105	85.0-115			S37544	13Oct14 0831 by 271	13Oct14 1502 by 302		
Lead	0.05 mg/l	104	85.0-115			S37544	13Oct14 0831 by 271	13Oct14 1502 by 302		
Nickel	0.05 mg/l	105	85.0-115			S37544	13Oct14 0831 by 311	13Oct14 1502 by 302		
Silver	0.02 mg/l	101	85.0-115			S37544	13Oct14 0831 by 271	13Oct14 1502 by 302		
Zinc	0.05 mg/l	105	85.0-115			S37544	13Oct14 0831 by 271	13Oct14 1502 by 302		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	183425-1	0.1 mg/l	90.0	75.0-125	W49559	13Oct14 0811 by 308	13Oct14 1206 by 308		
	183425-1	0.1 mg/l	83.0	75.0-125	W49559	13Oct14 0811 by 308	13Oct14 1208 by 308		
	Relative Percent Difference:		8.09	20.0	W49559				
Cadmium	183461-1	0.05 mg/l	101	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1511 by 302		
	183461-1	0.05 mg/l	102	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1519 by 302		
	Relative Percent Difference:		0.848	20.0	S37544				
Chromium	183461-1	0.05 mg/l	104	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1511 by 302		
	183461-1	0.05 mg/l	104	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1519 by 302		
	Relative Percent Difference:		0.0512	20.0	S37544				
Copper	183461-1	0.05 mg/l	104	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1511 by 302		
	183461-1	0.05 mg/l	102	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1519 by 302		
	Relative Percent Difference:		2.28	20.0	S37544				
Lead	183461-1	0.05 mg/l	104	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1511 by 302		
	183461-1	0.05 mg/l	104	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1519 by 302		
	Relative Percent Difference:		0.0763	20.0	S37544				
Nickel	183461-1	0.05 mg/l	105	75.0-125	S37544	13Oct14 0831 by 311	13Oct14 1511 by 302		
	183461-1	0.05 mg/l	103	75.0-125	S37544	13Oct14 0831 by 311	13Oct14 1519 by 302		
	Relative Percent Difference:		1.59	20.0	S37544				
Silver	183461-1	0.02 mg/l	83.8	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1511 by 302		
	183461-1	0.02 mg/l	83.9	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1519 by 302		
	Relative Percent Difference:		0.0619	20.0	S37544				
Zinc	183461-1	0.05 mg/l	102	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1511 by 302		
	183461-1	0.05 mg/l	102	75.0-125	S37544	13Oct14 0831 by 271	13Oct14 1519 by 302		
	Relative Percent Difference:		0.468	20.0	S37544				

AMERICAN INTERPLEX
CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE OF

Client:	NIDEC MOTOR CORP		PO No.		NO OF	ANALYSIS REQUESTED											AIC CONTROL NO: 183491
Project Reference:	Nema Carrousel			SAMPLE MATERIX	BOTTLES												AIC PROPOSAL NO:
Project Manager:	Aaron Exley																Carrier:/Tracking No: Fed-Ex
Sampled By:	Carlos Arce		GRAB	COMP	WATER	SOIL											Received Temperature C 11.70C
AIC no.	Sample Identification	Date / Time Collected							CD	CR	CU	Pb	Ni	Ag	Zn	CN	Metals				Remarks
1	Nema Wash # 1	8:50 AM 10/10/2014	X		X			1	X	X	X	X	X	X	X		X				pH = 7.9
2	Nema Wash # 2	12:30 PM 10/10/2014	X		X			1								X					pH = 7.9
																					Field pH calibration
		Container Type						P													on @
		Preservative						N													Buffer:

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

Turnaround Time Requested: (please circle)
NORMAL or EXPEDITED IN 1 DAYS
Expedited results requested by: AARON EXLEY
Who should AIC contact with questions: AARON EXLEY
Phone: 479-394-8741 Fax: 479-394-8888
Report Attention to : AARON EXLEY
Report Address to: 500 N. MORROW ST.

Relinquished By: Carlos Arce (Carlos Arce)	Date/Time 1:30 AM 10/10/2014	Received, By: Janice Breeshears	Date/Time 1:15PM 10/10/2014
Relinquished By:	Date/Time	Received in Lab By: Lynn Hopkins	Date/Time 10-13-14 1340

Comments:
Booth samples from same batch of waste water.
EPA 200.7 METHOD METALS AND Cyanide, Metals to include Zn

5963 9890 8573

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Nidec Motor Corporation
500 N Morrow Street
Mena, AR 71953

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W49559-1	13Oct14 0811 by 308	13Oct14 1201 by 308	
Cadmium	< 0.004 mg/l	0.004	0.004	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	
Chromium	< 0.007 mg/l	0.007	0.007	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	
Copper	< 0.0005 mg/l	0.0005	0.0005	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	
Lead	< 0.0005 mg/l	0.0005	0.0005	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	
Nickel	< 0.0005 mg/l	0.0005	0.0005	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	
Silver	< 0.007 mg/l	0.007	0.007	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	
Zinc	< 0.002 mg/l	0.002	0.002	S37544-6	13Oct14 0831 by 302	13Oct14 1457 by 302	

AMERICAN INTERPLEX
CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE OF

Client:	NIDEC MOTOR CORP				PO No.			NO OF	ANALYSIS REQUESTED															AIC CONTROL NO: 183491	
Project Reference:	Nema Carrousel				SAMPLE MATERIX			BOTTLES																AIC PROPOSAL NO:	
Project Manager:	Aaron Exley				W																			Carrier:/Tracking No: Fed-Ex	
Sampled By:	Carlos Arce		GRAB	COMP	ATER	SOIL			CD	CR	CU	Pb	Ni	Ag	Zn	CN	Metals							Received Temperature C 11.7°C	
AIC no.	Sample Identification	Date / Time Collected																						Remarks	
1	Nema Wash # 1	8:50 AM 10/10/2014	X		X			1	X	X	X	X	X	X	X		X							pH = 7.9	
2	Nema Wash # 2	12:30 PM 10/10/2014	X		X			1								X								pH = 7.9	
		Container Type						P																Field pH calibration	
		Preservative						N																on @	
																								Buffer:	

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

Turnaround Time Requested: (please circle)
NORMAL or EXPEDITED IN 1 DAYS
Expedited results requested by: AARON EXLEY
Who should AIC contact with questions: AARON EXLEY
Phone: 479-394-8741 Fax: 479-394-8888
Report Attention to : AARON EXLEY
Report Address to: 500 N. MORROW ST.

Relinquished By:	Date/Time	Received, By:	Date/Time
Carlos Arce	1:30 AM 10/10/2014	Janice Breeskeaks	1:15PM 10/10/2014
Relinquished By:	Date/Time	Received in Lab By:	Date/Time
			10-13-14 1340

Comments:
Booth samples from same batch of waste water.
EPA 200.7 METHOD METALS AND Cyanide, Metals to include Zn

5963 9890 8573

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Nidec Motor Corporation
500 N Morrow Street
Mena, AR 71953

ANALYTICAL RESULTS

AIC No. 183491-1
Sample Identification: Nema Wash #1 10/10/2014 8:50am

Analyte		Result	RL	Units	Qualifier
Cadmium		**0.0058**	0.004	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Chromium		**< 0.007**	0.007	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Copper		**0.12**	0.006	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Lead		**< 0.04**	0.04	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Nickel		**0.39**	0.01	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Silver		**< 0.007**	0.007	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	
Zinc		**0.12**	0.002	**mg/l**	
EPA 200.8	Prep: 13-Oct-2014 1426 by 311	Analyzed: 13-Oct-2014 1759 by 302		Batch: S37544	

AIC No. 183491-2
Sample Identification: Nema Wash #2 10/10/2014 12:30pm

Analyte		Result	RL	Units	Qualifier
Total Cyanide		**0.040**	0.01	**mg/l**	
SM 4500-CN C,E 1999	Prep: 13-Oct-2014 1417 by 308	Analyzed: 13-Oct-2014 1648 by 308		Batch: W49559	