

Data Validation Report

Project: 108046; ICE Industries - Grenada Stamping Facility - Grenada, MS

Client: CTEH

SDG: P1605133

Date: November 28, 2016





Disclaimer:

The validation performed and reported herein is based on specifications and procedures presented to eDATApro with the associated data package. Any qualifications or review not specified with package requirements was based on USEPA National Functional Guidelines for Inorganic and Organic Data Review.

Information contained in this report is based solely on the hardcopy and/or electronic deliverables that were submitted to eDATApro. eDATApro reserves the rights to modify or change the validation report if new information is presented or if this report is determined to be inaccurate or incomplete.



Cover Letter

Validation Report Date: November 28, 2016

Sample Delivery Group: P1605133

Project Name: 108046; ICE Industries-Grenada Stamping Facility-Grenada, MS

Data Deliverables Included:

Validation Report:

- Introduction
- Sample Identification Cross- Reference Table
- Data Validation Components
- Data Validation Findings Summary
- Table 1-1, Summary of Qualified Data
- Table 1-2, Data Qualifier Reference Table
- Appendix I, Form I Data (qualified)
- Appendix II, Chain of Custody

Approval Signature:  Date: November 28, 2016



INTRODUCTION:

SDG: P1605133

Project Name: 108046; ICE Industries - Grenada Stamping Facility-Grenada, MS

Laboratory: ALS Environmental

Laboratory Package No.: P1605133R1

Matrix: Air

Environmental Data Professional, LLC (eDATApro) received one data package containing the results for twenty-three field samples and one field blank. Data validation was performed according to guidance from *USEPA National Functional Guidelines for Organic Data Review* and the analytical method.

The following samples were reviewed:

Sample ID	Lab ID	Collection Date	Analyses
GRMS1026BS1	P1605133-001	10/27/2016 10:14 AM	[1]
GRMS1026BS2	P1605133-002	10/27/2016 10:15 AM	[1]
GRMS1026IA0A1	P1605133-003	10/27/2016 10:45 AM	[1]
GRMS1026IA0A2	P1605133-004	10/27/2016 10:56 AM	[1]
GRMS1026IA0A3	P1605133-005	10/27/2016 10:55 AM	[1]
GRMS1026IA0A5	P1605133-006	10/27/2016 10:39 AM	[1]
GRMS1026IA0A6	P1605133-007	10/27/2016 10:46 AM	[1]
GRMS1026IA0B1	P1605133-008	10/27/2016 10:39 AM	[1]
GRMS1026IA0B2	P1605133-009	10/27/2016 10:42 AM	[1]
GRMS1026IA0B3	P1605133-010	10/27/2016 10:48 AM	[1]
GRMS1026IA0B4	P1605133-011	10/27/2016 10:51 AM	[1]
GRMS1026IA0B5	P1605133-012	10/27/2016 10:52 AM	[1]
GRMS1026IA0B6	P1605133-013	10/27/2016 11:04 AM	[1]
GRMS1026OA001	P1605133-014	10/27/2016 09:55 AM	[1]
GRMS1026OA002	P1605133-015	10/27/2016 09:58 AM	[1]
GRMS1026OA003	P1605133-016	10/27/2016 09:57 AM	[1]
GRMS1028FB001	P1605133-018	10/28/2016 11:40 AM	[1]
GRMS1028SS1	P1605133-019	10/28/2016 08:10 AM	[1-2]
GRMS1028SS2	P1605133-020	10/28/2016 08:40 AM	[1-2]
GRMS1028SS3	P1605133-021	10/28/2016 11:25 AM	[1-2]
GRMS1028SS4	P1605133-022	10/28/2016 09:09 AM	[1-2]
GRMS1028SS5	P1605133-023	10/28/2016 10:30 AM	[1-2]
GRMS1028SS6	P1605133-024	10/28/2016 11:00 AM	[1-2]

Analyses Performed Codes:

- | | | |
|-----|-------------------|---------------|
| [1] | Volatile Organics | EPA TO-15 |
| [2] | Helium | EPA Method 3C |

DATA VALIDATION COMPONENTS

The data presented in this validation report was reviewed using a systematic process for evaluating performance and compliance of a set of data when compared to a set of standards to ascertain its completeness, correctness, and consistency using the methods and/or project defined criteria. The following components, as applicable to each analytical method, were reviewed in conducting the data validation:

- Data Completeness and Deliverables
- Sample Receipt (Chain of Custody Record)
 - Sample ID
 - Collection Date/Time
 - Matrix
 - Analysis Requests
- Chemical/Temperature Preservation
- Holding Times
- Analytical/Method Performance
 - Instrument Performance Checks
 - Instrument Calibrations
 - § Stability of Analyte Response (Average Response Factor)
 - § Linearity of Analytical Response (Correlation Coefficient)
 - § Initial Calibration (multi-point)
 - § Calibration Verification
 - Method Quality Control
 - § Instrument/Method Blank
 - § Laboratory Control Sample
 - § Laboratory Duplicate/Replicate
 - § Surrogates
 - § Internal Standards
 - § Interference Check Sample
 - § ICP Serial Dilution
 - Preparation Batch Quality Control
 - § Preparation Blank
 - § Laboratory Control Sample
 - § Matrix Spikes
- Field Quality Controls
 - Field Duplicate
 - Field/Equipment Rinsate/Trip Blanks
- Compound Identification and Quantitation

Unless specifically stated otherwise in the method summary sections of this report, all components evaluated and data presented by the laboratory met the applicable acceptance criteria and are considered fully usable.

DATA VALIDATION FINDINGS SUMMARY

I. General Package:

A data package compliant for Level IV data validation was received from the laboratory. No resubmission was necessary.

II. Volatile Organics (EPA TO-15):

Laboratory results for this method were reported in both UG/M3 and PPBV units.

Recovery of 1,2-Dichloroethane in the laboratory control sample analysis associated with the analyses of samples from this SDG exceeded upper acceptance criteria. Samples reported as non-detect for this analyte were not affected. The 1,2-Dichloroethane concentrations of associated field samples were qualified as estimate with positive bias (J+).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

III. Helium (EPA Method 3C):

Laboratory results for this method were reported in PPMV units.

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

Table 1-1

SUMMARY OF QUALIFIED DATA

Target Compound	Sample(s) Affected	Lab Result	Lab Qual	Val Result	Val Qual	Units	Reason for Qualification
1,2-Dichloroethane	GRMS1026IA0A2	0.062		0.062	J+	ppbV	High recovery in LCS.
		0.25		0.25	J+	ug/m3	
	GRMS1026IA0A6	1.2		1.2	J+	ug/m3	
		0.28		0.28	J+	ppbV	
	GRMS1026IA0B4	0.14		0.14	J+	ug/m3	
		0.036		0.036	J+	ppbV	
	GRMS1028SS1	3.4		3.4	J+	ppbV	
		14		14	J+	ug/m3	
	GRMS1028SS3	4.1		4.1	J+	ug/m3	
		1		1	J+	ppbV	

Table 1-2

DATA QUALIFIER REFERENCE

Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
J-	The result is an estimated quantity, but the result may be biased low.
J+	The result is an estimated quantity, but the result may be biased high.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there was presumptive evidence to make a “tentative identification.”
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.

Appendix I
Form 1 Data (Qualified)

Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026BS1	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:14	Lab: ALS-SM
Lab Sample ID: P1605133-001	Analysis Date: 11/10/2016 10:03	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.19	0.12	0.12	U	0.12	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.19	0.022	0.022	U	0.022	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.19	0.12	0.12	U	0.12	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.19	0.03	0.03	U	0.03	U	ppbV
107-06-2	1,2-Dichloroethane	1.19	0.12	0.12	U	0.12	U	ug/m3
107-06-2	1,2-Dichloroethane	1.19	0.029	0.029	U	0.029	U	ppbV
71-43-2	Benzene	1.19	0.12	0.57		0.57		ug/m3
71-43-2	Benzene	1.19	0.037	0.18		0.18		ppbV
156-59-2	cis-1,2-Dichloroethene	1.19	0.12	0.58		0.58		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.19	0.03	0.15		0.15		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.19	0.6	7.1		7.1		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.19	0.17	2		2		ppbV
127-18-4	Tetrachloroethene	1.19	0.12	4.4		4.4		ug/m3
127-18-4	Tetrachloroethene	1.19	0.018	0.64		0.64		ppbV
108-88-3	Toluene	1.19	0.6	1.3		1.3		ug/m3
108-88-3	Toluene	1.19	0.16	0.33		0.33		ppbV
156-60-5	trans-1,2-Dichloroethene	1.19	0.12	0.12	U	0.12	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.19	0.03	0.03	U	0.03	U	ppbV
79-01-6	Trichloroethene (TCE)	1.19	0.12	2.3		2.3		ug/m3
79-01-6	Trichloroethene (TCE)	1.19	0.022	0.43		0.43		ppbV
75-01-4	Vinyl Chloride	1.19	0.12	0.12	U	0.12	U	ug/m3
75-01-4	Vinyl Chloride	1.19	0.047	0.047	U	0.047	U	ppbV

DF = Dilution Factor RL = Reporting Limit

* = Modified by Validation

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026BS2	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:15	Lab: ALS-SM
Lab Sample ID: P1605133-002	Analysis Date: 11/10/2016 10:36	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.4	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.4	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.4	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.4	0.035	0.035	U	0.035	U	ppbV
107-06-2	1,2-Dichloroethane	1.4	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.4	0.035	0.035	U	0.035	U	ppbV
71-43-2	Benzene	1.4	0.14	0.52		0.52		ug/m3
71-43-2	Benzene	1.4	0.044	0.16		0.16		ppbV
156-59-2	cis-1,2-Dichloroethene	1.4	0.14	0.9		0.9		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.4	0.035	0.23		0.23		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.4	0.7	6.2		6.2		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.4	0.2	1.8		1.8		ppbV
127-18-4	Tetrachloroethene	1.4	0.14	5.6		5.6		ug/m3
127-18-4	Tetrachloroethene	1.4	0.021	0.83		0.83		ppbV
108-88-3	Toluene	1.4	0.7	2.3		2.3		ug/m3
108-88-3	Toluene	1.4	0.19	0.6		0.6		ppbV
156-60-5	trans-1,2-Dichloroethene	1.4	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.4	0.035	0.035	U	0.035	U	ppbV
79-01-6	Trichloroethene (TCE)	1.4	0.14	3.3		3.3		ug/m3
79-01-6	Trichloroethene (TCE)	1.4	0.026	0.61		0.61		ppbV
75-01-4	Vinyl Chloride	1.4	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.4	0.055	0.055	U	0.055	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0A1	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:45	Lab: ALS-SM
Lab Sample ID: P1605133-003	Analysis Date: 11/09/2016 21:18	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.41	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.41	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.41	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.41	0.036	0.036	U	0.036	U	ppbV
107-06-2	1,2-Dichloroethane	1.41	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.41	0.035	0.035	U	0.035	U	ppbV
71-43-2	Benzene	1.41	0.14	0.97		0.97		ug/m3
71-43-2	Benzene	1.41	0.044	0.3		0.3		ppbV
156-59-2	cis-1,2-Dichloroethene	1.41	0.14	1.9		1.9		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.41	0.036	0.47		0.47		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.41	0.71	26		26		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.41	0.2	7.5		7.5		ppbV
127-18-4	Tetrachloroethene	1.41	0.14	24		24		ug/m3
127-18-4	Tetrachloroethene	1.41	0.021	3.6		3.6		ppbV
108-88-3	Toluene	1.41	0.71	6.2		6.2		ug/m3
108-88-3	Toluene	1.41	0.19	1.6		1.6		ppbV
156-60-5	trans-1,2-Dichloroethene	1.41	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.41	0.036	0.036	U	0.036	U	ppbV
79-01-6	Trichloroethene (TCE)	1.41	0.14	7.1		7.1		ug/m3
79-01-6	Trichloroethene (TCE)	1.41	0.026	1.3		1.3		ppbV
75-01-4	Vinyl Chloride	1.41	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.41	0.055	0.055	U	0.055	U	ppbV

DF = Dilution Factor RL = Reporting Limit

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0A2	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:56	Lab: ALS-SM
Lab Sample ID: P1605133-004	Analysis Date: 11/09/2016 21:52	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.49	0.15	0.15	U	0.15	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.49	0.027	0.027	U	0.027	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.49	0.15	0.15	U	0.15	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.49	0.038	0.038	U	0.038	U	ppbV
107-06-2	1,2-Dichloroethane	1.49	0.15	0.25		0.25	J+	ug/m3 *
107-06-2	1,2-Dichloroethane	1.49	0.037	0.062		0.062	J+	ppbV *
71-43-2	Benzene	1.49	0.15	1		1		ug/m3
71-43-2	Benzene	1.49	0.047	0.31		0.31		ppbV
156-59-2	cis-1,2-Dichloroethene	1.49	0.15	1.9		1.9		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.49	0.038	0.47		0.47		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.49	0.75	27		27		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.49	0.21	7.7		7.7		ppbV
127-18-4	Tetrachloroethene	1.49	0.15	25		25		ug/m3
127-18-4	Tetrachloroethene	1.49	0.022	3.6		3.6		ppbV
108-88-3	Toluene	1.49	0.75	6.2		6.2		ug/m3
108-88-3	Toluene	1.49	0.2	1.6		1.6		ppbV
156-60-5	trans-1,2-Dichloroethene	1.49	0.15	0.15	U	0.15	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.49	0.038	0.038	U	0.038	U	ppbV
79-01-6	Trichloroethene (TCE)	1.49	0.15	7.1		7.1		ug/m3
79-01-6	Trichloroethene (TCE)	1.49	0.028	1.3		1.3		ppbV
75-01-4	Vinyl Chloride	1.49	0.15	0.15	U	0.15	U	ug/m3
75-01-4	Vinyl Chloride	1.49	0.058	0.058	U	0.058	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0A3	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:55	Lab: ALS-SM
Lab Sample ID: P1605133-005	Analysis Date: 11/09/2016 23:00	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.52	0.15	0.15	U	0.15	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.52	0.028	0.028	U	0.028	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.52	0.15	0.15	U	0.15	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.52	0.038	0.038	U	0.038	U	ppbV
107-06-2	1,2-Dichloroethane	1.52	0.15	0.15	U	0.15	U	ug/m3
107-06-2	1,2-Dichloroethane	1.52	0.038	0.038	U	0.038	U	ppbV
71-43-2	Benzene	1.52	0.15	1.1		1.1		ug/m3
71-43-2	Benzene	1.52	0.048	0.34		0.34		ppbV
156-59-2	cis-1,2-Dichloroethene	1.52	0.15	1.9		1.9		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.52	0.038	0.48		0.48		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.52	0.76	27		27		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.52	0.22	7.7		7.7		ppbV
127-18-4	Tetrachloroethene	1.52	0.15	25		25		ug/m3
127-18-4	Tetrachloroethene	1.52	0.022	3.6		3.6		ppbV
108-88-3	Toluene	1.52	0.76	6.3		6.3		ug/m3
108-88-3	Toluene	1.52	0.2	1.7		1.7		ppbV
156-60-5	trans-1,2-Dichloroethene	1.52	0.15	0.15	U	0.15	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.52	0.038	0.038	U	0.038	U	ppbV
79-01-6	Trichloroethene (TCE)	1.52	0.15	7.1		7.1		ug/m3
79-01-6	Trichloroethene (TCE)	1.52	0.028	1.3		1.3		ppbV
75-01-4	Vinyl Chloride	1.52	0.15	0.15	U	0.15	U	ug/m3
75-01-4	Vinyl Chloride	1.52	0.059	0.059	U	0.059	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0A5	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:39	Lab: ALS-SM
Lab Sample ID: P1605133-006	Analysis Date: 11/09/2016 23:34	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.46	0.15	0.15	U	0.15	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.46	0.027	0.027	U	0.027	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.46	0.15	0.15	U	0.15	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.46	0.037	0.037	U	0.037	U	ppbV
107-06-2	1,2-Dichloroethane	1.46	0.15	0.15	U	0.15	U	ug/m3
107-06-2	1,2-Dichloroethane	1.46	0.036	0.036	U	0.036	U	ppbV
71-43-2	Benzene	1.46	0.15	0.79		0.79		ug/m3
71-43-2	Benzene	1.46	0.046	0.25		0.25		ppbV
156-59-2	cis-1,2-Dichloroethene	1.46	0.15	1.8		1.8		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.46	0.037	0.47		0.47		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.46	0.73	34		34		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.46	0.21	9.8		9.8		ppbV
127-18-4	Tetrachloroethene	1.46	0.15	32		32		ug/m3
127-18-4	Tetrachloroethene	1.46	0.022	4.7		4.7		ppbV
108-88-3	Toluene	1.46	0.73	10		10		ug/m3
108-88-3	Toluene	1.46	0.19	2.7		2.7		ppbV
156-60-5	trans-1,2-Dichloroethene	1.46	0.15	0.15	U	0.15	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.46	0.037	0.037	U	0.037	U	ppbV
79-01-6	Trichloroethene (TCE)	1.46	0.15	6.9		6.9		ug/m3
79-01-6	Trichloroethene (TCE)	1.46	0.027	1.3		1.3		ppbV
75-01-4	Vinyl Chloride	1.46	0.15	0.15	U	0.15	U	ug/m3
75-01-4	Vinyl Chloride	1.46	0.057	0.057	U	0.057	U	ppbV

DF = Dilution Factor RL = Reporting Limit

* = Modified by Validation

U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0A6	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:46	Lab: ALS-SM
Lab Sample ID: P1605133-007	Analysis Date: 11/10/2016 0:08	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.41	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.41	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.41	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.41	0.036	0.036	U	0.036	U	ppbV
107-06-2	1,2-Dichloroethane	1.41	0.14	1.2		1.2	J+	ug/m3 *
107-06-2	1,2-Dichloroethane	1.41	0.035	0.28		0.28	J+	ppbV *
71-43-2	Benzene	1.41	0.14	1		1		ug/m3
71-43-2	Benzene	1.41	0.044	0.31		0.31		ppbV
156-59-2	cis-1,2-Dichloroethene	1.41	0.14	1.8		1.8		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.41	0.036	0.44		0.44		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.41	0.71	25		25		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.41	0.2	7.3		7.3		ppbV
127-18-4	Tetrachloroethene	1.41	0.14	24		24		ug/m3
127-18-4	Tetrachloroethene	1.41	0.021	3.5		3.5		ppbV
108-88-3	Toluene	1.41	0.71	7.8		7.8		ug/m3
108-88-3	Toluene	1.41	0.19	2.1		2.1		ppbV
156-60-5	trans-1,2-Dichloroethene	1.41	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.41	0.036	0.036	U	0.036	U	ppbV
79-01-6	Trichloroethene (TCE)	1.41	0.14	6.7		6.7		ug/m3
79-01-6	Trichloroethene (TCE)	1.41	0.026	1.2		1.2		ppbV
75-01-4	Vinyl Chloride	1.41	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.41	0.055	0.055	U	0.055	U	ppbV

DF = Dilution Factor RL = Reporting Limit

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0B1	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:39	Lab: ALS-SM
Lab Sample ID: P1605133-008	Analysis Date: 11/10/2016 0:42	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.59	0.16	0.16	U	0.16	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.59	0.029	0.029	U	0.029	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.59	0.16	0.16	U	0.16	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.59	0.04	0.04	U	0.04	U	ppbV
107-06-2	1,2-Dichloroethane	1.59	0.16	0.16	U	0.16	U	ug/m3
107-06-2	1,2-Dichloroethane	1.59	0.039	0.039	U	0.039	U	ppbV
71-43-2	Benzene	1.59	0.16	0.73		0.73		ug/m3
71-43-2	Benzene	1.59	0.05	0.23		0.23		ppbV
156-59-2	cis-1,2-Dichloroethene	1.59	0.16	2.8		2.8		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.59	0.04	0.71		0.71		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.59	0.8	48		48		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.59	0.23	14		14		ppbV
127-18-4	Tetrachloroethene	1.59	0.16	47		47		ug/m3
127-18-4	Tetrachloroethene	1.59	0.023	6.9		6.9		ppbV
108-88-3	Toluene	1.59	0.8	7		7		ug/m3
108-88-3	Toluene	1.59	0.21	1.9		1.9		ppbV
156-60-5	trans-1,2-Dichloroethene	1.59	0.16	0.16	U	0.16	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.59	0.04	0.04	U	0.04	U	ppbV
79-01-6	Trichloroethene (TCE)	1.59	0.16	11		11		ug/m3
79-01-6	Trichloroethene (TCE)	1.59	0.03	2.1		2.1		ppbV
75-01-4	Vinyl Chloride	1.59	0.16	0.16	U	0.16	U	ug/m3
75-01-4	Vinyl Chloride	1.59	0.062	0.062	U	0.062	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0B2	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:42	Lab: ALS-SM
Lab Sample ID: P1605133-009	Analysis Date: 11/10/2016 1:16	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.54	0.15	0.15	U	0.15	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.54	0.028	0.028	U	0.028	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.54	0.15	0.15	U	0.15	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.54	0.039	0.039	U	0.039	U	ppbV
107-06-2	1,2-Dichloroethane	1.54	0.15	0.15	U	0.15	U	ug/m3
107-06-2	1,2-Dichloroethane	1.54	0.038	0.038	U	0.038	U	ppbV
71-43-2	Benzene	1.54	0.15	0.73		0.73		ug/m3
71-43-2	Benzene	1.54	0.048	0.23		0.23		ppbV
156-59-2	cis-1,2-Dichloroethene	1.54	0.15	2.4		2.4		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.54	0.039	0.62		0.62		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.54	0.77	35		35		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.54	0.22	10		10		ppbV
127-18-4	Tetrachloroethene	1.54	0.15	32		32		ug/m3
127-18-4	Tetrachloroethene	1.54	0.023	4.8		4.8		ppbV
108-88-3	Toluene	1.54	0.77	9		9		ug/m3
108-88-3	Toluene	1.54	0.2	2.4		2.4		ppbV
156-60-5	trans-1,2-Dichloroethene	1.54	0.15	0.15	U	0.15	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.54	0.039	0.039	U	0.039	U	ppbV
79-01-6	Trichloroethene (TCE)	1.54	0.15	11		11		ug/m3
79-01-6	Trichloroethene (TCE)	1.54	0.029	2		2		ppbV
75-01-4	Vinyl Chloride	1.54	0.15	0.15	U	0.15	U	ug/m3
75-01-4	Vinyl Chloride	1.54	0.06	0.06	U	0.06	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0B3	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:48	Lab: ALS-SM
Lab Sample ID: P1605133-010	Analysis Date: 11/10/2016 1:50	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.44	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.44	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.44	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.44	0.036	0.036	U	0.036	U	ppbV
107-06-2	1,2-Dichloroethane	1.44	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.44	0.036	0.036	U	0.036	U	ppbV
71-43-2	Benzene	1.44	0.14	0.6		0.6		ug/m3
71-43-2	Benzene	1.44	0.045	0.19		0.19		ppbV
156-59-2	cis-1,2-Dichloroethene	1.44	0.14	3.7		3.7		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.44	0.036	0.93		0.93		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.44	0.72	87		87		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.44	0.21	25		25		ppbV
127-18-4	Tetrachloroethene	1.44	0.14	68		68		ug/m3
127-18-4	Tetrachloroethene	1.44	0.021	10		10		ppbV
108-88-3	Toluene	1.44	0.72	5.6		5.6		ug/m3
108-88-3	Toluene	1.44	0.19	1.5		1.5		ppbV
156-60-5	trans-1,2-Dichloroethene	1.44	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.44	0.036	0.036	U	0.036	U	ppbV
79-01-6	Trichloroethene (TCE)	1.44	0.14	29		29		ug/m3
79-01-6	Trichloroethene (TCE)	1.44	0.027	5.4		5.4		ppbV
75-01-4	Vinyl Chloride	1.44	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.44	0.056	0.056	U	0.056	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0B4	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:51	Lab: ALS-SM
Lab Sample ID: P1605133-011	Analysis Date: 11/10/2016 2:24	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.42	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.42	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.42	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.42	0.036	0.036	U	0.036	U	ppbV
107-06-2	1,2-Dichloroethane	1.42	0.14	0.14		0.14	J+	ug/m3 *
107-06-2	1,2-Dichloroethane	1.42	0.035	0.036		0.036	J+	ppbV *
71-43-2	Benzene	1.42	0.14	0.7		0.7		ug/m3
71-43-2	Benzene	1.42	0.044	0.22		0.22		ppbV
156-59-2	cis-1,2-Dichloroethene	1.42	0.14	2.2		2.2		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.42	0.036	0.55		0.55		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.42	0.71	76		76		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.42	0.2	22		22		ppbV
127-18-4	Tetrachloroethene	1.42	0.14	63		63		ug/m3
127-18-4	Tetrachloroethene	1.42	0.021	9.3		9.3		ppbV
108-88-3	Toluene	1.42	0.71	8.5		8.5		ug/m3
108-88-3	Toluene	1.42	0.19	2.3		2.3		ppbV
156-60-5	trans-1,2-Dichloroethene	1.42	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.42	0.036	0.036	U	0.036	U	ppbV
79-01-6	Trichloroethene (TCE)	1.42	0.14	13		13		ug/m3
79-01-6	Trichloroethene (TCE)	1.42	0.026	2.4		2.4		ppbV
75-01-4	Vinyl Chloride	1.42	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.42	0.056	0.056	U	0.056	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0B5	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 10:52	Lab: ALS-SM
Lab Sample ID: P1605133-012	Analysis Date: 11/10/2016 2:58	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.44	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.44	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.44	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.44	0.036	0.036	U	0.036	U	ppbV
107-06-2	1,2-Dichloroethane	1.44	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.44	0.036	0.036	U	0.036	U	ppbV
71-43-2	Benzene	1.44	0.14	0.68		0.68		ug/m3
71-43-2	Benzene	1.44	0.045	0.21		0.21		ppbV
156-59-2	cis-1,2-Dichloroethene	1.44	0.14	2.2		2.2		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.44	0.036	0.54		0.54		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.44	0.72	75		75		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.44	0.21	21		21		ppbV
127-18-4	Tetrachloroethene	1.44	0.14	61		61		ug/m3
127-18-4	Tetrachloroethene	1.44	0.021	9.1		9.1		ppbV
108-88-3	Toluene	1.44	0.72	7.8		7.8		ug/m3
108-88-3	Toluene	1.44	0.19	2.1		2.1		ppbV
156-60-5	trans-1,2-Dichloroethene	1.44	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.44	0.036	0.036	U	0.036	U	ppbV
79-01-6	Trichloroethene (TCE)	1.44	0.14	12		12		ug/m3
79-01-6	Trichloroethene (TCE)	1.44	0.027	2.3		2.3		ppbV
75-01-4	Vinyl Chloride	1.44	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.44	0.056	0.056	U	0.056	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026IA0B6	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 11:04	Lab: ALS-SM
Lab Sample ID: P1605133-013	Analysis Date: 11/10/2016 3:32	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.42	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.42	0.026	0.026	U	0.026	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.42	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.42	0.036	0.036	U	0.036	U	ppbV
107-06-2	1,2-Dichloroethane	1.42	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.42	0.035	0.035	U	0.035	U	ppbV
71-43-2	Benzene	1.42	0.14	0.67		0.67		ug/m3
71-43-2	Benzene	1.42	0.044	0.21		0.21		ppbV
156-59-2	cis-1,2-Dichloroethene	1.42	0.14	2.1		2.1		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.42	0.036	0.53		0.53		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.42	0.71	38		38		ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.42	0.2	11		11		ppbV
127-18-4	Tetrachloroethene	1.42	0.14	39		39		ug/m3
127-18-4	Tetrachloroethene	1.42	0.021	5.8		5.8		ppbV
108-88-3	Toluene	1.42	0.71	3.3		3.3		ug/m3
108-88-3	Toluene	1.42	0.19	0.87		0.87		ppbV
156-60-5	trans-1,2-Dichloroethene	1.42	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.42	0.036	0.036	U	0.036	U	ppbV
79-01-6	Trichloroethene (TCE)	1.42	0.14	6.8		6.8		ug/m3
79-01-6	Trichloroethene (TCE)	1.42	0.026	1.3		1.3		ppbV
75-01-4	Vinyl Chloride	1.42	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.42	0.056	0.056	U	0.056	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS10260A001	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 9:55	Lab: ALS-SM
Lab Sample ID: P1605133-014	Analysis Date: 11/10/2016 4:06	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.62	0.16	0.16	U	0.16	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.62	0.03	0.03	U	0.03	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.62	0.16	0.16	U	0.16	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.62	0.041	0.041	U	0.041	U	ppbV
107-06-2	1,2-Dichloroethane	1.62	0.16	0.16	U	0.16	U	ug/m3
107-06-2	1,2-Dichloroethane	1.62	0.04	0.04	U	0.04	U	ppbV
71-43-2	Benzene	1.62	0.16	0.58		0.58		ug/m3
71-43-2	Benzene	1.62	0.051	0.18		0.18		ppbV
156-59-2	cis-1,2-Dichloroethene	1.62	0.16	0.49		0.49		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.62	0.041	0.12		0.12		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.62	0.81	0.81	U	0.81	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.62	0.23	0.23	U	0.23	U	ppbV
127-18-4	Tetrachloroethene	1.62	0.16	0.52		0.52		ug/m3
127-18-4	Tetrachloroethene	1.62	0.024	0.076		0.076		ppbV
108-88-3	Toluene	1.62	0.81	1.2		1.2		ug/m3
108-88-3	Toluene	1.62	0.22	0.33		0.33		ppbV
156-60-5	trans-1,2-Dichloroethene	1.62	0.16	0.16	U	0.16	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.62	0.041	0.041	U	0.041	U	ppbV
79-01-6	Trichloroethene (TCE)	1.62	0.16	1.7		1.7		ug/m3
79-01-6	Trichloroethene (TCE)	1.62	0.03	0.32		0.32		ppbV
75-01-4	Vinyl Chloride	1.62	0.16	0.16	U	0.16	U	ug/m3
75-01-4	Vinyl Chloride	1.62	0.063	0.063	U	0.063	U	ppbV

DF = Dilution Factor RL = Reporting Limit

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U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1026OA002	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 9:58	Lab: ALS-SM
Lab Sample ID: P1605133-015	Analysis Date: 11/10/2016 11:10	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.39	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.39	0.025	0.025	U	0.025	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.39	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.39	0.035	0.035	U	0.035	U	ppbV
107-06-2	1,2-Dichloroethane	1.39	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.39	0.034	0.034	U	0.034	U	ppbV
71-43-2	Benzene	1.39	0.14	1.2		1.2		ug/m3
71-43-2	Benzene	1.39	0.044	0.38		0.38		ppbV
156-59-2	cis-1,2-Dichloroethene	1.39	0.14	0.56		0.56		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.39	0.035	0.14		0.14		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.39	0.7	0.7	U	0.7	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.39	0.2	0.2	U	0.2	U	ppbV
127-18-4	Tetrachloroethene	1.39	0.14	0.66		0.66		ug/m3
127-18-4	Tetrachloroethene	1.39	0.021	0.098		0.098		ppbV
108-88-3	Toluene	1.39	0.7	1.5		1.5		ug/m3
108-88-3	Toluene	1.39	0.18	0.39		0.39		ppbV
156-60-5	trans-1,2-Dichloroethene	1.39	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.39	0.035	0.035	U	0.035	U	ppbV
79-01-6	Trichloroethene (TCE)	1.39	0.14	2		2		ug/m3
79-01-6	Trichloroethene (TCE)	1.39	0.026	0.37		0.37		ppbV
75-01-4	Vinyl Chloride	1.39	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.39	0.054	0.054	U	0.054	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS10260A003	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/27/2016 9:57	Lab: ALS-SM
Lab Sample ID: P1605133-016	Analysis Date: 11/10/2016 11:44	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.39	0.14	0.14	U	0.14	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.39	0.025	0.025	U	0.025	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.39	0.14	0.14	U	0.14	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.39	0.035	0.035	U	0.035	U	ppbV
107-06-2	1,2-Dichloroethane	1.39	0.14	0.14	U	0.14	U	ug/m3
107-06-2	1,2-Dichloroethane	1.39	0.034	0.034	U	0.034	U	ppbV
71-43-2	Benzene	1.39	0.14	0.41		0.41		ug/m3
71-43-2	Benzene	1.39	0.044	0.13		0.13		ppbV
156-59-2	cis-1,2-Dichloroethene	1.39	0.14	0.68		0.68		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.39	0.035	0.17		0.17		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.39	0.7	0.7	U	0.7	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.39	0.2	0.2	U	0.2	U	ppbV
127-18-4	Tetrachloroethene	1.39	0.14	0.48		0.48		ug/m3
127-18-4	Tetrachloroethene	1.39	0.021	0.071		0.071		ppbV
108-88-3	Toluene	1.39	0.7	0.9		0.9		ug/m3
108-88-3	Toluene	1.39	0.18	0.24		0.24		ppbV
156-60-5	trans-1,2-Dichloroethene	1.39	0.14	0.14	U	0.14	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.39	0.035	0.035	U	0.035	U	ppbV
79-01-6	Trichloroethene (TCE)	1.39	0.14	3.5		3.5		ug/m3
79-01-6	Trichloroethene (TCE)	1.39	0.026	0.65		0.65		ppbV
75-01-4	Vinyl Chloride	1.39	0.14	0.14	U	0.14	U	ug/m3
75-01-4	Vinyl Chloride	1.39	0.054	0.054	U	0.054	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028FB001	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 11:40	Lab: ALS-SM
Lab Sample ID: P1605133-018	Analysis Date: 11/10/2016 12:18	
Sample Type: Field Blank		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1	0.1	0.1	U	0.1	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1	0.018	0.018	U	0.018	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1	0.1	0.1	U	0.1	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1	0.025	0.025	U	0.025	U	ppbV
107-06-2	1,2-Dichloroethane	1	0.1	0.1	U	0.1	U	ug/m3
107-06-2	1,2-Dichloroethane	1	0.025	0.025	U	0.025	U	ppbV
71-43-2	Benzene	1	0.1	0.1	U	0.1	U	ug/m3
71-43-2	Benzene	1	0.031	0.031	U	0.031	U	ppbV
156-59-2	cis-1,2-Dichloroethene	1	0.1	0.1	U	0.1	U	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	0.025	0.025	U	0.025	U	ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1	0.5	0.5	U	0.5	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1	0.14	0.14	U	0.14	U	ppbV
127-18-4	Tetrachloroethene	1	0.1	0.1	U	0.1	U	ug/m3
127-18-4	Tetrachloroethene	1	0.015	0.015	U	0.015	U	ppbV
108-88-3	Toluene	1	0.5	0.5	U	0.5	U	ug/m3
108-88-3	Toluene	1	0.13	0.13	U	0.13	U	ppbV
156-60-5	trans-1,2-Dichloroethene	1	0.1	0.1	U	0.1	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	0.025	0.025	U	0.025	U	ppbV
79-01-6	Trichloroethene (TCE)	1	0.1	0.1	U	0.1	U	ug/m3
79-01-6	Trichloroethene (TCE)	1	0.019	0.019	U	0.019	U	ppbV
75-01-4	Vinyl Chloride	1	0.1	0.1	U	0.1	U	ug/m3
75-01-4	Vinyl Chloride	1	0.039	0.039	U	0.039	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS1	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 8:10	Lab: ALS-SM
Lab Sample ID: P1605133-019	Analysis Date: 11/09/2016 16:47	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	30.6	3.1	3.1	U	3.1	U	ug/m3
79-00-5	1,1,2-Trichloroethane	30.6	0.56	0.56	U	0.56	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	30.6	3.1	68		68		ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	30.6	0.77	17		17		ppbV
107-06-2	1,2-Dichloroethane	30.6	3.1	14		14	J+	ug/m3
107-06-2	1,2-Dichloroethane	30.6	0.76	3.4		3.4	J+	ppbV
71-43-2	Benzene	30.6	3.1	28		28		ug/m3
71-43-2	Benzene	30.6	0.96	8.7		8.7		ppbV
156-59-2	cis-1,2-Dichloroethene	30.6	3.1	1600		1600		ug/m3
156-59-2	cis-1,2-Dichloroethene	30.6	0.77	400		400		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	30.6	15	15	U	15	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	30.6	4.4	4.4	U	4.4	U	ppbV
127-18-4	Tetrachloroethene	30.6	3.1	88		88		ug/m3
127-18-4	Tetrachloroethene	30.6	0.45	13		13		ppbV
108-88-3	Toluene	30.6	15	39		39		ug/m3
108-88-3	Toluene	30.6	4.1	10		10		ppbV
156-60-5	trans-1,2-Dichloroethene	30.6	3.1	33		33		ug/m3
156-60-5	trans-1,2-Dichloroethene	30.6	0.77	8.2		8.2		ppbV
79-01-6	Trichloroethene (TCE)	30.6	3.1	3000		3000		ug/m3
79-01-6	Trichloroethene (TCE)	30.6	0.57	560		560		ppbV
75-01-4	Vinyl Chloride	30.6	3.1	17		17		ug/m3
75-01-4	Vinyl Chloride	30.6	1.2	6.6		6.6		ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS2	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 8:40	Lab: ALS-SM
Lab Sample ID: P1605133-020	Analysis Date: 11/09/2016 14:25	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	2900	290	290	U	290	U	ug/m3
79-00-5	1,1,2-Trichloroethane	2900	53	53	U	53	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	2900	290	290	U	290	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	2900	73	73	U	73	U	ppbV
107-06-2	1,2-Dichloroethane	2900	290	290	U	290	U	ug/m3
107-06-2	1,2-Dichloroethane	2900	72	72	U	72	U	ppbV
71-43-2	Benzene	2900	290	290	U	290	U	ug/m3
71-43-2	Benzene	2900	91	91	U	91	U	ppbV
156-59-2	cis-1,2-Dichloroethene	2900	290	54000		54000		ug/m3
156-59-2	cis-1,2-Dichloroethene	2900	73	14000		14000		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	2900	1500	1500	U	1500	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	2900	420	420	U	420	U	ppbV
127-18-4	Tetrachloroethene	2900	290	950		950		ug/m3
127-18-4	Tetrachloroethene	2900	43	140		140		ppbV
108-88-3	Toluene	2900	1500	1500	U	1500	U	ug/m3
108-88-3	Toluene	2900	380	380	U	380	U	ppbV
156-60-5	trans-1,2-Dichloroethene	2900	290	470		470		ug/m3
156-60-5	trans-1,2-Dichloroethene	2900	73	120		120		ppbV
79-01-6	Trichloroethene (TCE)	2900	290	240000		240000		ug/m3
79-01-6	Trichloroethene (TCE)	2900	54	45000		45000		ppbV
75-01-4	Vinyl Chloride	2900	290	290	U	290	U	ug/m3
75-01-4	Vinyl Chloride	2900	110	110	U	110	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS3	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 11:25	Lab: ALS-SM
Lab Sample ID: P1605133-021	Analysis Date: 11/10/2016 12:52	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	1.54	0.15	0.15	U	0.15	U	ug/m3
79-00-5	1,1,2-Trichloroethane	1.54	0.028	0.028	U	0.028	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.54	0.15	0.17		0.17		ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.54	0.039	0.043		0.043		ppbV
107-06-2	1,2-Dichloroethane	1.54	0.15	4.1		4.1	J+	ug/m3 *
107-06-2	1,2-Dichloroethane	1.54	0.038	1		1	J+	ppbV *
71-43-2	Benzene	1.54	0.15	2.6		2.6		ug/m3
71-43-2	Benzene	1.54	0.048	0.8		0.8		ppbV
156-59-2	cis-1,2-Dichloroethene	1.54	0.15	3.1		3.1		ug/m3
156-59-2	cis-1,2-Dichloroethene	1.54	0.039	0.77		0.77		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	1.54	0.77	0.77	U	0.77	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	1.54	0.22	0.22	U	0.22	U	ppbV
127-18-4	Tetrachloroethene	1.54	0.15	39		39		ug/m3
127-18-4	Tetrachloroethene	1.54	0.023	5.8		5.8		ppbV
108-88-3	Toluene	1.54	0.77	10		10		ug/m3
108-88-3	Toluene	1.54	0.2	2.6		2.6		ppbV
156-60-5	trans-1,2-Dichloroethene	1.54	0.15	0.76		0.76		ug/m3
156-60-5	trans-1,2-Dichloroethene	1.54	0.039	0.19		0.19		ppbV
79-01-6	Trichloroethene (TCE)	1.54	0.15	100		100		ug/m3
79-01-6	Trichloroethene (TCE)	1.54	0.029	19		19		ppbV
75-01-4	Vinyl Chloride	1.54	0.15	0.15	U	0.15	U	ug/m3
75-01-4	Vinyl Chloride	1.54	0.06	0.06	U	0.06	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS4	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 9:09	Lab: ALS-SM
Lab Sample ID: P1605133-022	Analysis Date: 11/09/2016 14:59	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	28800	2900	2900	U	2900	U	ug/m3
79-00-5	1,1,2-Trichloroethane	28800	530	530	U	530	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	28800	2900	5400		5400		ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	28800	730	1400		1400		ppbV
107-06-2	1,2-Dichloroethane	28800	2900	2900	U	2900	U	ug/m3
107-06-2	1,2-Dichloroethane	28800	710	710	U	710	U	ppbV
71-43-2	Benzene	28800	2900	2900	U	2900	U	ug/m3
71-43-2	Benzene	28800	900	900	U	900	U	ppbV
156-59-2	cis-1,2-Dichloroethene	28800	2900	14000		14000		ug/m3
156-59-2	cis-1,2-Dichloroethene	28800	730	3500		3500		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	28800	14000	14000	U	14000	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	28800	4100	4100	U	4100	U	ppbV
127-18-4	Tetrachloroethene	28800	2900	8000		8000		ug/m3
127-18-4	Tetrachloroethene	28800	420	1200		1200		ppbV
108-88-3	Toluene	28800	14000	14000	U	14000	U	ug/m3
108-88-3	Toluene	28800	3800	3800	U	3800	U	ppbV
156-60-5	trans-1,2-Dichloroethene	28800	2900	2900	U	2900	U	ug/m3
156-60-5	trans-1,2-Dichloroethene	28800	730	730	U	730	U	ppbV
79-01-6	Trichloroethene (TCE)	28800	2900	2900000		2900000		ug/m3
79-01-6	Trichloroethene (TCE)	28800	540	530000		530000		ppbV
75-01-4	Vinyl Chloride	28800	2900	2900	U	2900	U	ug/m3
75-01-4	Vinyl Chloride	28800	1100	1100	U	1100	U	ppbV

DF = Dilution Factor RL = Reporting Limit

* = Modified by Validation

U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS5	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 10:30	Lab: ALS-SM
Lab Sample ID: P1605133-023	Analysis Date: 11/09/2016 15:32	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	712	71	71	U	71	U	ug/m3
79-00-5	1,1,2-Trichloroethane	712	13	13	U	13	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	712	71	71	U	71	U	ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	712	18	18	U	18	U	ppbV
107-06-2	1,2-Dichloroethane	712	71	71	U	71	U	ug/m3
107-06-2	1,2-Dichloroethane	712	18	18	U	18	U	ppbV
71-43-2	Benzene	712	71	71	U	71	U	ug/m3
71-43-2	Benzene	712	22	22	U	22	U	ppbV
156-59-2	cis-1,2-Dichloroethene	712	71	6500		6500		ug/m3
156-59-2	cis-1,2-Dichloroethene	712	18	1600		1600		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	712	360	360	U	360	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	712	100	100	U	100	U	ppbV
127-18-4	Tetrachloroethene	712	71	130		130		ug/m3
127-18-4	Tetrachloroethene	712	11	19		19		ppbV
108-88-3	Toluene	712	360	360	U	360	U	ug/m3
108-88-3	Toluene	712	94	94	U	94	U	ppbV
156-60-5	trans-1,2-Dichloroethene	712	71	120		120		ug/m3
156-60-5	trans-1,2-Dichloroethene	712	18	30		30		ppbV
79-01-6	Trichloroethene (TCE)	712	71	74000		74000		ug/m3
79-01-6	Trichloroethene (TCE)	712	13	14000		14000		ppbV
75-01-4	Vinyl Chloride	712	71	71	U	71	U	ug/m3
75-01-4	Vinyl Chloride	712	28	28	U	28	U	ppbV

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Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS6	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 11:00	Lab: ALS-SM
Lab Sample ID: P1605133-024	Analysis Date: 11/10/2016 8:45	
Sample Type: Site Sample		
Method: TO-15		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
79-00-5	1,1,2-Trichloroethane	385	39	39	U	39	U	ug/m3
79-00-5	1,1,2-Trichloroethane	385	7.1	7.1	U	7.1	U	ppbV
75-35-4	1,1-Dichloroethene (1,1-DCE)	385	39	5700		5700		ug/m3
75-35-4	1,1-Dichloroethene (1,1-DCE)	385	9.7	1400		1400		ppbV
107-06-2	1,2-Dichloroethane	385	39	39	U	39	U	ug/m3
107-06-2	1,2-Dichloroethane	385	9.5	9.5	U	9.5	U	ppbV
71-43-2	Benzene	385	39	39	U	39	U	ug/m3
71-43-2	Benzene	385	12	12	U	12	U	ppbV
156-59-2	cis-1,2-Dichloroethene	385	39	38000		38000		ug/m3
156-59-2	cis-1,2-Dichloroethene	385	9.7	9600		9600		ppbV
75-09-2	Dichloromethane (Methylene Chloride)	385	190	190	U	190	U	ug/m3
75-09-2	Dichloromethane (Methylene Chloride)	385	55	55	U	55	U	ppbV
127-18-4	Tetrachloroethene	385	39	1100		1100		ug/m3
127-18-4	Tetrachloroethene	385	5.7	170		170		ppbV
108-88-3	Toluene	385	190	190	U	190	U	ug/m3
108-88-3	Toluene	385	51	51	U	51	U	ppbV
156-60-5	trans-1,2-Dichloroethene	385	39	980		980		ug/m3
156-60-5	trans-1,2-Dichloroethene	385	9.7	250		250		ppbV
79-01-6	Trichloroethene (TCE)	385	39	29000		29000		ug/m3
79-01-6	Trichloroethene (TCE)	385	7.2	5500		5500		ppbV
75-01-4	Vinyl Chloride	385	39	39	U	39	U	ug/m3
75-01-4	Vinyl Chloride	385	15	15	U	15	U	ppbV

DF = Dilution Factor RL = Reporting Limit

* = Modified by Validation

U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS1	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 8:10	Lab: ALS-SM
Lab Sample ID: P1605133-019	Analysis Date: 11/17/2016 9:12	
Sample Type: Site Sample		
Method: 3C Modified		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
7440-59-7	Helium	1.53	38	1200		1200		ppmV

DF = Dilution Factor RL = Reporting Limit
 * = Modified by Validation
 U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS2	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 8:40	Lab: ALS-SM
Lab Sample ID: P1605133-020	Analysis Date: 11/17/2016 9:18	
Sample Type: Site Sample		
Method: 3C Modified		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
7440-59-7	Helium	1.45	36	58		58		ppmV

DF = Dilution Factor RL = Reporting Limit
 * = Modified by Validation
 U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS3	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 11:25	Lab: ALS-SM
Lab Sample ID: P1605133-021	Analysis Date: 11/17/2016 9:27	
Sample Type: Site Sample		
Method: 3C Modified		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
7440-59-7	Helium	1.54	39	39	U	39	U	ppmV

DF = Dilution Factor RL = Reporting Limit
 * = Modified by Validation
 U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS4	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 9:09	Lab: ALS-SM
Lab Sample ID: P1605133-022	Analysis Date: 11/17/2016 9:40	
Sample Type: Site Sample		
Method: 3C Modified		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
7440-59-7	Helium	1.44	36	150		150		ppmV

DF = Dilution Factor RL = Reporting Limit
 * = Modified by Validation
 U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS5	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 10:30	Lab: ALS-SM
Lab Sample ID: P1605133-023	Analysis Date: 11/17/2016 9:55	
Sample Type: Site Sample		
Method: 3C Modified		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
7440-59-7	Helium	1.21	30	1300		1300		ppmV

DF = Dilution Factor RL = Reporting Limit
 * = Modified by Validation
 U = Non-Detect J = Estimated R = Rejected



Form 1 Data Sheet - Volatiles

CTEH

ICE Industries - Grenada Stamping Facility - Grenada, MS

SDG: P1605133

COC Sample ID: GRMS1028SS6	Sample Matrix : Air	Total/Dissolved: T
Location ID: NA	Sample Date: 10/28/2016 11:00	Lab: ALS-SM
Lab Sample ID: P1605133-024	Analysis Date: 11/17/2016 10:03	
Sample Type: Site Sample		
Method: 3C Modified		

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Units
7440-59-7	Helium	1.54	39	210		210		ppmV

DF = Dilution Factor RL = Reporting Limit
 * = Modified by Validation
 U = Non-Detect J = Estimated R = Rejected



Appendix II
Chain of Custody

5120 North Shore Drive
 North Little Rock, AR 72118
 Phone: (501) 801-8500
 Fax: (501) 801-8501
 Website: www.cteh.com

Center for Toxicology and Environmental Health L.L.C.
SAMPLE CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

P1685133

	Send Report To:	Send Invoice To:
Name	Christine Millner	
Company	CTEH	CTEH
Address	5120 Northshore Drive North Little Rock, AR 72118	5120 Northshore Drive North Little Rock, AR 72118
Phone	(501)801-8500	(501)801-8500
Fax	(501)801-8501	(501)801-8501
e-mail	labresults@cteh.com, cmillner@cteh.com	lraccounting@cteh.com

CTEH Project #: 108046

Turnaround Requested:
 Same Day Next Day (24 hour) Normal
 Other (Specify) _____

Complete Data Packet Requested Yes No
 X Level IV

Lab Information: ALS Environmental 2655 Park Center Drive, Suite A Simi Valley, CA 93065	Lab Contact: Kate Kaneko Lab Project #:	Instructions/Comments: Ensure chlorinated solvents are within calibration range (i.e. E flag hydrocarbons, if necessary) Ambient concentrations were between 0.5- 2ppm at time of sample collection. Hold GRMS1026CS001 until IA samples have been analyzed and results have been provided.
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SampleID	Canister	Regulator	Start Date/Time	Stop Date/Time	Pressure - Start (Hg)	Pressure - Stop (Hg)	Volume	EPA TO-15 (low-level short list)	Hold	Martix
1 GRMS1026BS1	SSC00414	FCA00685	10/26/2016 10:13	10/27/2016 10:14	-28	-1	6 L	X		A
2 GRMS1026BS2	AS00575	FCA00492	10/26/2016 10:14	10/27/2016 10:15	-29	-4	6 L	X		A
3 GRMS1026IA0A1	AC01648	FCR00049	10/26/2016 10:55	10/27/2016 10:45	-29	-4.5	6 L	X		A
4 GRMS1026IA0A2	AC02220	FCR00183	10/26/2016 11:00	10/27/2016 10:56	-30	-6.5	6 L	X		A
5 GRMS1026IA0A3	AS00361	FRC00143	10/26/2016 11:02	10/27/2016 10:55	-30	-7	6 L	X		A
6 GRMS1026IA0A5	AS01139	FCR00140	10/26/2016 10:36	10/27/2016 10:39	-30	-7	6 L	X		A
7 GRMS1026IA0A6	AS01115	FCR00101	10/26/2016 10:58	10/27/2016 10:46	-30	-5.5	6 L	X		A
8 GRMS1026IA0B1	AC02070	FCR00079	10/26/2016 10:56	10/27/2016 10:39	-30	-7	6 L	X		A
9 GRMS1026IA0B2	AS00917	FCR00086	10/26/2016 11:00	10/27/2016 10:42	-30	-7	6 L	X		A
10 GRMS1026IA0B3	AS00514	FCR00106	10/26/2016 10:31	10/27/2016 10:48	-30	-7	6 L	X		A
11 GRMS1026IA0B4	AC01862	FCR00106	10/26/2016 11:11	10/27/2016 10:51	-30	-12	6 L	X		A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	COMMENTS
Christine Millner	10/28/2016 12:47	FedEx	10/28/2016 12:47	11/2/16 0940

5120 North Shore Drive
 North Little Rock, AR 72118
 Phone: (501) 801-8500
 Fax: (501) 801-8501
 Website: www.cteh.com

Center for Toxicology and Environmental Health L.L.C.
SAMPLE CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

P1605133

	Send Report To:	Send Invoice To:
Name	Christine Millner	
Company	CTEH	CTEH
Address	5120 Northshore Drive North Little Rock, AR 72118	5120 Northshore Drive North Little Rock, AR 72118
Phone	(501)801-8500	(501)801-8500
Fax	(501)801-8501	(501)801-8501
e-mail	labresults@cteh.com, cmillner@cteh.com	lraccounting@cteh.com

CTEH Project #: 108046

Turnaround Requested:
 Same Day Next Day (24 hour) Normal
 Other (Specify) _____

Complete Data Packet Requested Yes No

Lab Information:
 ALS Environmental
 2655 Park Center Drive, Suite A
 Simi Valley, CA 93065

Lab Contact:
 Kate Kaneko
 Lab Project #:

Instructions/Comments:
 Ensure chlorinated solvents are within calibration range (i.e. E flag hydrocarbons, if necessary)
 Ambient concentrations were between 0.5- 2ppm at time of sample collection. Hold GRMS1026CS001 until IA samples have been analyzed and results have been provided.

X level IV

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SampleID	Canister	Regulator	Start Date/Time	Stop Date/Time	Pressure - Start (Hg)	Pressure - Stop (Hg)	Volume	EPA TO-15 (low-level short list)	Hold	Martix
GRMS1026IA0B5	AS01005	FCR00070	10/26/2016 11:11	10/27/2016 10:52	-30	-7	6 L	X		A
GRMS1026IA0B6	AC01528	FCR00114	10/26/2016 10:43	10/27/2016 11:04	-30	-5	6 L	X		A
GRMS1026OA001	SSC00210	FCR00224	10/26/2016 9:40	10/27/2016 9:55	-30	-10	6 L	X		A
GRMS1026OA002	SSC00311	FCR00184	10/26/2016 9:44	10/27/2016 9:58	-29	-5	6 L	X		A
GRMS1026OA003	AC000674	FCR00034	10/26/2016 9:54	10/27/2016 9:57	-27.5	-3.5	6 L	X		A
GRMS1026CS001	SC01854	---	10/26/2016 15:38	10/26/2016 15:43	-28	-1	6 L		X	A
GRMS1028FB001	AC01695	---	10/28/2016 11:38	10/28/2016 11:40	-29	0	6 L	X		A
NOT USED										

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	COMMENTS
Christine Miller	10/28/2016 12:47	Ed H	10/28/2016 12:47	FC000602 - included in shipment; not used
				11/2/16 0940

5120 North Shore Drive
 North Little Rock, AR 72118
 Phone: (501) 801-8500
 Fax: (501) 801-8501
 Website: www.cteh.com

Center for Toxicology and Environmental Health L.L.C.
SAMPLE CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

P1605133

	Send Report To:	Send Invoice To:
Name	Christine Millner	
Company	CTEH	CTEH
Address	5120 Northshore Drive North Little Rock, AR 72118	5120 Northshore Drive North Little Rock, AR 72118
Phone	(501)801-8500	(501)801-8500
Fax	(501)801-8501	(501)801-8501
e-mail	labresults@cteh.com, cmillner@cteh.com	lraccounting@cteh.com

CTEH Project #: 108046

Turnaround Requested:
 Same Day Next Day (24 hour) Normal
 Other (Specify) _____

Complete Data Packet Requested Yes No

Lab Information:
 ALS Environmental
 2655 Park Center Drive, Suite A
 Simi Valley, CA 93065

Lab Contact:
 Kate Kaneko
 Lab Project #:

Instructions/Comments :
 Ensure chlorinated solvents are within calibration range (i.e. E flag hydrocarbons, if necessary)
 Ambient concentrations were between 0.5- 2ppm at time of sample collection. Hold GRMS1026CS001 until IA samples have been analyzed and results have been provided.

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SampleID	Canister	Regulator	Start Date/Time	Stop Date/Time	Pressure -Start (Hg)	Pressure -Stop (Hg)	Volume	EPA TO-15 (low-level short list) ^{Handwritten: f-Hellman}	Hold	Matrix
19 GRMS1028SS1	SC01862	OA01787	10/28/2016 07:57	10/28/2016 08:10	-27.5	-3.5	6 L	X		A
20 GRMS1028SS2	SSC00243	OA00637	10/28/2016 8:27	10/28/2016 08:40	-27	-6	6 L	X		A
21 GRMS1028SS3	SSC00024	OA00782	10/28/2016 11:14	10/28/2016 11:25	-28	-5	6 L	X		A
22 GRMS1028SS4	SC01520	OA00912	10/28/2016 8:55	10/28/2016 09:09	-28	-4	6 L	X		A
23 GRMS1028SS5	SSC00139	OA00810 ^{Handwritten: not used}	10/28/2016 10:22	10/28/2016 10:30	-28	0	6 L	X		A
24 GRMS1028SS6	SC01966	OA00671	10/28/2016 10:48	10/28/2016 11:00	-28	-5	6 L	X		A
NOT USED										

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	COMMENTS
Christine Miller	10/28/2016 12:47	FedEx	10/28/2016 12:47	OA00810 - couldn't use b/c wouldn't pass leak test
		<i>[Signature]</i> 11/2/16	0940	AC02097 - Do not analyze; Did not pass leak test FCR 00092