



## Enforcement & Compliance History Online (ECHO)

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### Detailed Facility Report


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For Public Release - Unrestricted Dissemination Report Generated on 01/23/2011  
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

#### Facility Permits and Identifiers

[Data Dictionary](#)

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	<a href="#">110000354893</a>	ENGELHARD CORPORATION	554 ENGELHARD DRIVE	SENECA	SC	29678
TSCA	TSCA	<a href="#">100601143</a>					
TSCA	TSCA	<a href="#">200001674</a>					
TSCA	TSCA	<a href="#">200001679</a>					
CAA	AFS	4507300033	BASF CORPORATION	554 ENGELHARD DR	SENECA	SC	29678
CAA	NEI	<a href="#">NEI41416</a>	ENGELHARD CORP			SC	29678
CAA	NEI	<a href="#">NEI41416</a>	ENGELHARD CHEMICAL CATALYSTS			SC	29678
RCRA	RCR	SCD981865785	ENGLEHARD CORP SCDE	554 MORMON CHURCH RD	SENECA	SC	29678
RCRA	RCR	SCD981866007	BASF CORPOATION	554 MORMAN CHURCH RD	SENECA	SC	29678
EP313	TRI	<a href="#">29678NGLHR554MO</a>	BASF CATALYSTS LLC	554 ENGELHARD DR	SENECA	SC	29678

#### Facility Characteristics

[Data Dictionary](#)

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110000354893					LRT: 34.650357 , -82.956260	No		
CAA	4507300033	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP , NSPS			NA	2819 3341	
RCRA	SCD981865785		Inactive				No		
RCRA	SCD981866007	LQG	Active (H)				No		327999 331492
EP313	29678NGLHR554MO					34.6528 , -82.9583	NA	2819 3341	325188 331492

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

#### Inspection and Enforcement Summary Data

[Data Dictionary](#)

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CAA	4507300033	4	08/28/2010	0	\$00
RCRA	SCD981865785	0	Never	0	\$00
RCRA	SCD981866007	2	09/23/2008	0	\$00

#### Compliance Monitoring History (05 years)

[Data Dictionary](#)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	4507300033	AFS	STATE PCE/ON-SITE	State	09/25/2006	
CAA	4507300033	AFS	STATE PCE/ON-SITE	State	09/25/2006	
CAA	4507300033	AFS	TITLE V COMPLIANCE CERTIFICATION REVIEW	State	08/02/2006	Result=IN COMPLIANCE
CAA	4507300033	AFS	STATE PCE/ON-SITE	State	09/24/2007	
CAA	4507300033	AFS	STATE PCE/ON-SITE	State	09/24/2007	
CAA	4507300033	AFS	STATE CONDUCTED FCE/ON-SITE	State	09/30/2006	
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/12/2006	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4507300033	AFS	STATE PCE/ON-SITE	State	09/23/2008	
CAA	4507300033	AFS	TITLE V COMPLIANCE CERTIFICATION REVIEW	State	08/24/2007	Result=IN COMPLIANCE
CAA	4507300033	AFS	STATE CONDUCTED FCE/ON-SITE	State	09/30/2007	
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=NO
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=ASC
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=CDC
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=CRC
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/24/2008	Result=STACK TEST PASSED ; Pollutant=NIC
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/03/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4507300033	AFS	TITLE V COMPLIANCE CERTIFICATION REVIEW	State	08/14/2008	Result=IN COMPLIANCE
CAA	4507300033	AFS	STATE PCE/ON-SITE	State	06/28/2010	
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/06/2008	Result=STACK TEST PASSED ; Pollutant=VE
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/06/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4507300033	AFS	STATE CONDUCTED FCE/ON-SITE	State	09/30/2008	
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/05/2008	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4507300033	AFS	STATE PCE/OFF-SITE	State	12/10/2008	
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/18/2009	Result=STACK TEST PASSED ; Pollutant=VOC
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/18/2009	Result=STACK TEST PASSED
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/18/2009	Result=STACK TEST PASSED
CAA	4507300033	AFS	TITLE V COMPLIANCE CERTIFICATION REVIEW	State	08/24/2009	Result=IN COMPLIANCE
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/30/2009	Result=STACK TEST PASSED ; Pollutant=VOC
CAA	4507300033	AFS	TITLE V COMPLIANCE CERTIFICATION REVIEW	State	03/30/2010	Result=IN COMPLIANCE
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	04/14/2010	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4507300033	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/19/2010	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4507300033	AFS	STATE CONDUCTED FCE/ON-SITE	State	08/28/2010	
RCRA	SCD981866007	RCR	COMPLIANCE EVALUATION INSPECTION ON-SITE	State	08/18/2008	Violations Or Compliance Issues Were Found
RCRA	SCD981866007	RCR	COMPLIANCE SCHEDULE EVALUATION	State	09/23/2008	Violations Or Compliance Issues Were Found

Entries in *italics* are not considered inspections in official counts.

### Compliance Summary Data

Data Dictionary

Information on the nature of [alleged violations](#) is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
CAA	4507300033	NO		12/11/2010	
RCRA	SCD981865785	No		12/09/2010	0
RCRA	SCD981866007	No		12/09/2010	1

### Three Year Compliance Status by Quarter

Data Dictionary

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of [alleged violations](#) is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

AIR Compliance Status													
Statute:Source ID CAA: 4507300033	QTR1 Jan- Mar08	QTR2 Apr- Jun08	QTR3 Jul- Sep08	QTR4 Oct- Dec08	QTR5 Jan- Mar09	QTR6 Apr- Jun09	QTR7 Jul- Sep09	QTR8 Oct- Dec09	QTR9 Jan- Mar10	QTR10 Apr- Jun10	QTR11 Jul- Sep10	QTR12 Oct- Dec10	
HPV History													
Program/Pollutant in Current Violation													
MACT (SECTION 63 NESHAPS)	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG	NO ST REG
TITLE V PERMITS	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT
SIP	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT
NSPS				C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addr" means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. C=Compliance; V=Violation; S=Compliance Schedule.

RCRA Compliance Status													
Statute:Source ID RCRA: SCD981865785	QTR1 Jan- Mar08	QTR2 Apr- Jun08	QTR3 Jul- Sep08	QTR4 Oct- Dec08	QTR5 Jan- Mar09	QTR6 Apr- Jun09	QTR7 Jul- Sep09	QTR8 Oct- Dec09	QTR9 Jan- Mar10	QTR10 Apr- Jun10	QTR11 Jul- Sep10	QTR12 Oct- Dec10	
Facility Level Status	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl
Type of Violation	Agency												

RCRA Compliance Status													
Statute:Source ID RCRA: SCD981866007	QTR1 Jan- Mar08	QTR2 Apr- Jun08	QTR3 Jul-Sep08	QTR4 Oct- Dec08	QTR5 Jan- Mar09	QTR6 Apr- Jun09	QTR7 Jul- Sep09	QTR8 Oct- Dec09	QTR9 Jan- Mar10	QTR10 Apr- Jun10	QTR11 Jul- Sep10	QTR12 Oct- Dec10	
Facility Level Status	Compl	Compl	In Viol	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl
Type of Violation	Agency												
Generators - Pre-transport	SC		08/18/08-09/23/08										
TSD IS-General Facility Standards	SC		08/18/08-09/23/08										
TSD IS-Preparedness and Prevention	SC		08/18/08-09/23/08										
TSD IS-Contingency Plan and Emergency Procedures	SC		08/18/08-09/23/08										
TSD IS-Container Use and Management	SC		08/18/08-09/23/08										

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

### Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

Data Dictionary

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Statute	Source ID	Type of Action	Lead Agency	Date
- No data records returned.				

## Formal Enforcement Actions - (05 year history)

AFS, PCS, RCRAInfo, NCDB

[Data Dictionary](#)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
- No data records returned.						

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

## ICIS

[Data Dictionary](#)

Primary Law/Section	Case Number	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
- No data records returned.										

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

## TRI History of Reported Chemicals Released in Pounds per Year at Site:29678NGLHR554MO

[Data Dictionary](#)

Chemical releases reported to TRI are provided for context and are not associated with non-compliance for that facility.

Year /	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
2000	5,015	28			5,043	154,235	159,278
2001	3,695	57			3,752	179,545	183,297
2002	4,868	52			4,920	252,275	257,195
2003	5,758	111			5,869	282,432	288,301
2004	7,622	117			7,739	221,401	229,140
2005	7,810	124			7,934	267,288	275,222
2006	8,442	186			8,628	318,590	327,218
2007	9,552	61			9,613	346,741	356,354
2008	21,804	82			21,886	211,102	232,988

## TRI Total Releases and Transfers by Chemical and Year

Chemical releases and transfers are in pounds except where otherwise noted.

Chemical Name	2000	2001	2002	2003	2004	2005	2006	2007	2008
COBALT COMPOUNDS								44,504	17,560
COPPER COMPOUNDS	95,442	88,410	71,547	100,004	91,933	85,647	92,607	42,339	23,445
LEAD COMPOUNDS		845	535	876	331	375	535	564	577
NICKEL COMPOUNDS		34,743	31,079	37,622	21,249	29,589	30,497	39,725	
NITRATE COMPOUNDS	25,020	23,049	35,045	33,761	33,164	20,375	24,739	31,023	25,042
FORMALDEHYDE	8,255	3,796		554	452	431	208		
FORMIC ACID	108	7	75			227	2	30	40
HYDRAZINE		7	7	6	6	6	6	6	6
MERCURY	2	2	77	1					
SODIUM NITRITE	25,019	29,023	40,003	34,005	32,003	44,003	26,027	29,025	29,014
HYDROCHLORIC ACID (1995 AND AF	1,120	1,360	1,360	2,160	3,400	3,510	4,330	5,120	10,220
AMMONIA			75,203	77,343	44,220	88,845	146,127	161,419	116,926
NITRIC ACID	212	284	364	639	843	483	185	385	3,501
CHLORINE	4,100	1,771	1,900	1,330	1,539	1,731	1,955	2,154	6,657
DIAMINOTOLUENE (MIXED ISOMERS)								60	

## Demographic Profile of Surrounding Area (3 Miles)

[Data Dictionary](#)

Open more detailed information in a new window (links leave ECHO): [1 Mi](#) [3 Mi](#) or [5 Mi](#).

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA [Locational Reference Table\(LRT\)](#) when available.

<b>Radius of Area:</b>	<b>3 Miles</b>	<b>Land Area:</b>	<b>94.80%</b>	<b>Households in area:</b>	<b>4,229</b>
<b>Center Latitude:</b>	<b>34.650671</b>	<b>Water Area:</b>	<b>5.20%</b>	<b>Housing units in area:</b>	<b>4,788</b>
<b>Center Longitude:</b>	<b>-82.956123</b>	<b>Population Density:</b>	<b>382.20/sq. mi.</b>	<b>Households On Public Assistance:</b>	<b>174</b>
<b>Total Persons:</b>	<b>10,243</b>	<b>Percent Minority:</b>	<b>30.02%</b>	<b>Persons Below Poverty Level:</b>	<b>1,571</b>

<b>Race Breakdown</b>	<b>Persons (%)</b>	<b>Age Breakdown:</b>	<b>Persons (%)</b>
<b>White:</b>	7,192 (70.21%)	<b>Child 5 years and less:</b>	864 ( 8.44%)
<b>African-american:</b>	2,765 (26.99%)	<b>Minors 17 years and younger:</b>	2,570 (25.09%)
<b>Hispanic-Origin:</b>	127 ( 1.24%)	<b>Adults 18 years and older:</b>	7,673 (74.91%)
<b>Asian/Pacific Islander:</b>	21 ( 0.21%)	<b>Seniors 65 years and older:</b>	1,490 (14.55%)
<b>American Indian:</b>	( 0.00%)		
<b>Other/Multiracial:</b>	86 ( 0.84%)		

<b>Education Level (Persons 25 &amp; older)</b>	<b>Persons (%)</b>	<b>Income Breakdown:</b>	<b>Households (%)</b>
<b>Less than 9th grade:</b>	839 (13.80%)	<b>Less than \$15,000:</b>	1,074 (25.40%)
<b>9th-12th grades:</b>	1,254 (20.63%)	<b>\$15,000-\$25,000:</b>	657 (15.54%)
<b>High School Diploma:</b>	2,079 (34.20%)	<b>\$25,000-\$50,000:</b>	1,337 (31.62%)
<b>Some College/2-yr:</b>	944 (15.53%)	<b>\$50,000-\$75,000:</b>	690 (16.32%)
<b>B.S./B.A. or more:</b>	963 (15.84%)	<b>Greater than \$75,000:</b>	457 (10.81%)

Please note: Entries in gray denote records that are not federally required to be reported to EPA. These data may not be reliable.

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 12/11/2010. RCRAInfo: 12/09/2010. FRS: 12/09/2010. TRI: 04/16/2010.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

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