

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
41	Locality Name Present	The locality name is required when reporting the address component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Address	LocalityName
296	Locality Name Data Type	Maximum allowable width of 60 characters.	Format	Critical	Address	LocalityName
37	Address Postal Code Length for US	If the facility is located in the United States, the postal code length must be five or nine digits long.	Format	Critical	Address	LocationAddressPostal Code
183	Address Postal Code Present	The address postal code is required when reporting the address component for adding a new location. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Address	LocationAddressPostal Code
1349	Address Postal Code for US Data Type	For postal codes located in the United States, they must be in the approved US Postal Code format of a five-digit number, optionally followed by a dash and a four-digit number.	Format	Critical	Address	LocationAddressPostal Code
38	Location Address State Code Valid	Must match value in code list.	Code	Critical	Address	LocationAddressState Code
39	Location Address State Code Present	The location address state code is required when reporting the address component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Address	LocationAddressState Code
40	Location Address Text Present	The location address text is required when reporting the address component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Address	LocationAddressText
294	Location Address Text Data Type	Maximum allowable width of 50 characters.	Format	Critical	Address	LocationAddressText
295	Supplemental Location Text Data Type	Maximum allowable width of 50 characters. Longer submissions may be truncated.	Format	Warning	Address	SupplementalLocation Text
291	Alternative Name Data Type	Maximum allowable width of 80 characters.	Format	Critical	AlternativeFacility Name	AlternativeName
299	Alternative Name Present	The alternative name is required when reporting the alternative facility name component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	AlternativeFacility Name	AlternativeName

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147	Alternative Name Type Text Present	The alternative name type text is required when reporting the alternative facility name component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	AlternativeFacility Name	AlternativeNameType Text
292	Alternative Name Type Text Data Type	Maximum allowable width of 20 characters. Longer submissions may be truncated.	Format	Warning	AlternativeFacility Name	AlternativeNameType Text
44	Effective Date Range for Alternative Facility Name	The effective date range for an alternative facility name is 01/01/1900 to 12/31/2050.	Range	Critical	AlternativeFacility Name	EffectiveDate
150	Effective Date Present for Alternative Facility Name	An effective date should be reported.	Present	Warning	AlternativeFacility Name	EffectiveDate
293	Effective Date for Alternative Facility Name Data Type	Date in the format of YYYYMMDD.	Format	Critical	AlternativeFacility Name	EffectiveDate
148	Program System Code Present for Alternative Name	A program system code is required when reporting the alternative facility name component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	AlternativeFacility Name	ProgramSystemCode
232	Program System Code Valid for Alternative Facility Name	Must match value in list of registered codes.	Code	Critical	AlternativeFacility Name	ProgramSystemCode
120	Control Approach Minimum Measures Present	Each Control Approach component must be associated with at least one control measure. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ControlApproach	
224	Control Approach Reported at Multiple Levels	If a control approach is reported, it must be reported at either the emissions unit or the emissions process but not both for the same emissions unit.	Cardinality	Critical	ControlApproach	
225	Single Active Control Approach	There can be only one active control approach for either the emissions unit or the emissions process.	Cardinality	Warning	ControlApproach	
226	Control Group Submission	The control approach, control pollutants, and control measures must always be submitted together.	Present	Critical	ControlApproach	
121	Control Approach Minimum Pollutants Present	Each Control Approach component must be associated with at least one control pollutant. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ControlApproach	

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1252	Emissions Unit Control Approach Protected	If the data in the EIS for emissions unit control approach are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management. Note this affects control approach, control measure, and control pollutant components.	Conditional	Critical	ControlApproach	
1253	Emissions Process Control Approach Protected	If the data in the EIS for emissions process control approach are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management. Note this affects control approach, control measure, and control pollutant components.	Conditional	Critical	ControlApproach	
244	Control Approach Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	ControlApproach	ControlApproach Comment
239	Control Approach Description Data Type	Maximum allowable width of 200 characters. Longer submissions may be truncated.	Format	Warning	ControlApproach	ControlApproach Description
117	Control Approach First Inventory Year Range	The year reported should be between 1900 to 2050.	Range	Critical	ControlApproach	FirstInventoryYear
119	Control Approach First and Last Inventory Year Comparison	First inventory year must be a value prior or equal to last inventory year.	Range	Critical	ControlApproach	FirstInventoryYear
242	First Inventory Year for Control Approach Data Type	This element must be reported as an integer.	Format	Critical	ControlApproach	FirstInventoryYear
327	First Inventory Year Present for Control Approach	The first inventory year is required when reporting the control approach component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ControlApproach	FirstInventoryYear
118	Control Approach Last Inventory Year Range	The year reported should be between 1900 to 2050.	Range	Critical	ControlApproach	LastInventoryYear
119	Control Approach First and Last Inventory Year Comparison	First inventory year must be a value prior or equal to last inventory year.	Range	Critical	ControlApproach	LastInventoryYear
243	Last Inventory Year for Control Approach Data Type	This element must be reported as an integer.	Format	Critical	ControlApproach	LastInventoryYear
115	Percent Control Approach Capture Efficiency Range	Should be greater than or equal to 0, and less than or equal to 100.0.	Range	Critical	ControlApproach	PercentControlApproach CaptureEfficiency

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189	Percent Control Approach Capture Efficiency Present	The percent control approach capture efficiency should be reported when reporting the control approach component.	Present	Warning	ControlApproach	PercentControlApproach CaptureEfficiency
240	Percent Control Approach Capture Efficiency Data Type	This element must be reported as a decimal.	Format	Critical	ControlApproach	PercentControlApproach CaptureEfficiency
116	Percent Control Approach Effectiveness Range	Should be greater than or equal to 0, and less than or equal to 100.0.	Range	Critical	ControlApproach	PercentControlApproach Effectiveness
190	Percent Control Approach Effectiveness Present	The percent control approach capture effectiveness should be reported when reporting the control approach component.	Present	Warning	ControlApproach	PercentControlApproach Effectiveness
241	Percent Control Approach Effectiveness Data Type	This element must be reported as a decimal.	Format	Critical	ControlApproach	PercentControlApproach Effectiveness
122	Control Measure Code Valid	Must match value in code list.	Code	Critical	ControlMeasure	ControlMeasureCode
227	Control Measure Code Present	The control measure code is required when reporting the control measure component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ControlMeasure	ControlMeasureCode
850	Control Measure Cardinality	Control Measure codes must be unique within a control approach.	Cardinality	Critical	ControlMeasure	ControlMeasureCode
125	Percent Control Measures Reduction Efficiency Range	Should be greater than or equal to 0 and less than or equal to 100.	Range	Critical	ControlPollutant	PercentControl MeasuresReduction Efficiency
191	Percent Control Measures Reduction Efficiency Present	The percent control measures reduction efficiency should be reported when reporting the control pollutant component.	Present	Warning	ControlPollutant	PercentControl MeasuresReduction Efficiency
236	Percent Control Measures Reduction Efficiency Data Type	This element must be reported as a decimal.	Format	Critical	ControlPollutant	PercentControl MeasuresReduction Efficiency
124	Controlled Pollutant Code Valid	Must match value in code list.	Code	Critical	ControlPollutant	PollutantCode
228	Pollutant Code Present	The pollutant code is required when reporting the control pollutant component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ControlPollutant	PollutantCode
849	Control Pollutant Cardinality	Control pollutant codes must be unique within a control approach.	Cardinality	Critical	ControlPollutant	PollutantCode

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837	PM Control Pollutant Dependency	If there is a PM2.5 control pollutant there must be a PM10 control pollutant.	Conditional	Critical	ControlPollutant	PollutantCode
836	PM2.5 Present	If PM10 is reported, then PM2.5 should be reported.	Conditional	Warning	Emissions	PollutantCode
95	Emissions Unit Minimum Process Present	There must be at least one emissions process associated with an emissions unit.	Present	Critical	EmissionsUnit	
17	Emissions Unit Identifiers Present	Either the EIS emissions unit identifier or the agency unit identifier is required when reporting the EmissionsUnit component. Both identifiers may be reported. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	EmissionsUnit	
280	Emissions Unit Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	EmissionsUnit	UnitComment
276	Unit Description Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	EmissionsUnit	UnitDescription
69	Design Capacity Conditionally Present	The design capacity should be reported for unit type codes: 100, 120, 140, 150, 160, 180, and 200.	Present	Warning	EmissionsUnit	UnitDesignCapacity
199	Design Capacity Range	Should be between 0.01 to 100,000,000, inclusive.	Range	Critical	EmissionsUnit	UnitDesignCapacity
277	Design Capacity Data Type	This element must be reported as a float.	Format	Critical	EmissionsUnit	UnitDesignCapacity
1249	Emissions Unit Design Capacity Protected	If the data in the EIS for emissions unit design capacity and design capacity unit of measure are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	EmissionsUnit	UnitDesignCapacity
70	Design Capacity Unit of Measure Present	Design capacity and design capacity unit of measure must both be reported for either to be accepted.	Present	Critical	EmissionsUnit	UnitDesignCapacityUnit ofMeasureCode
71	Design Capacity Unit of Measure Code Valid	Must match value in code list.	Code	Critical	EmissionsUnit	UnitDesignCapacityUnit ofMeasureCode
1249	Emissions Unit Design Capacity Protected	If the data in the EIS for emissions unit design capacity and design capacity unit of measure are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	EmissionsUnit	UnitDesignCapacityUnit ofMeasureCode

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75	Emissions Unit Operation Date Range	The operation date should be between 01/01/1900 to 12/31/2050.	Range	Critical	EmissionsUnit	UnitOperationDate
279	Unit Operation Date Data Type	Date in the format of YYYYMMDD.	Format	Critical	EmissionsUnit	UnitOperationDate
72	Emissions Unit Status Code Valid	Must match value in code list.	Code	Critical	EmissionsUnit	UnitStatusCode
74	Emissions Unit Status Code and Year	If emissions unit status code is not operating, the emissions unit status code year should be reported.	Conditional	Warning	EmissionsUnit	UnitStatusCode
185	Unit Status Code Present	The unit status code is required when reporting the EmissionsUnit component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	EmissionsUnit	UnitStatusCode
1031	Operating Status Dependency for Emissions Units	An emissions unit operating status may not be changed if the facility site operating status is not operating.	Conditional	Critical	EmissionsUnit	UnitStatusCode
73	Emissions Unit Status Code Year in Range	The year reported should be between 1900 to 2050.	Range	Critical	EmissionsUnit	UnitStatusCodeYear
74	Emissions Unit Status Code and Year	If emissions unit status code is not operating, the emissions unit status code year should be reported.	Conditional	Warning	EmissionsUnit	UnitStatusCodeYear
278	Unit Status Code Year Data Type	This element must be reported as an integer.	Format	Critical	EmissionsUnit	UnitStatusCodeYear
67	Unit Type Code Present	The unit type code is required when reporting the EmissionsUnit component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	EmissionsUnit	UnitTypeCode
68	Unit Type Code Valid	Must match value in code list.	Code	Critical	EmissionsUnit	UnitTypeCode
47	Effective Date Range for Facility Identification	The effective date range must be between 01/01/1900 to 12/31/2050.	Range	Critical	Facility Identification	EffectiveDate
51	Effective Date and End Date Order for Facility Identification	The effective date must be before the end date for an facility identification.	Range	Critical	Facility Identification	EffectiveDate
154	Effective Date Present for Facility Identification	An effective date should be reported.	Present	Warning	Facility Identification	EffectiveDate
289	Effective Date for Facility Identification Data Type	Date in the format of YYYYMMDD.	Format	Critical	Facility Identification	EffectiveDate

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1290	Facility Site Identifier Protected	If the data in the EIS for facility site identifier are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Facility Identification	EffectiveDate
49	End Date Range for Facility Identification	The end date range must between 01/01/1900 to 12/31/2050.	Range	Critical	Facility Identification	EndDate
51	Effective Date and End Date Order for Facility Identification	The effective date must be before the end date for an facility identification.	Range	Critical	Facility Identification	EndDate
290	End Date for Facility Identification Data Type	Date in the format of YYYYMMDD.	Format	Critical	Facility Identification	EndDate
1290	Facility Site Identifier Protected	If the data in the EIS for facility site identifier are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Facility Identification	EndDate
14	EIS Facility Site Identifier Exists	If the EIS facility site identifier is reported, it must match a record in the EIS facility inventory.	Conditional	Critical	Facility Identification	FacilitySiteIdentifier
151	Facility Site Identifier Present for Facility Identification	The facility site identifier is required when reporting the facility identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Facility Identification	FacilitySiteIdentifier
229	Active Identifier per Non-federal Program System Code Cardinality	There can only be one active facility site identifier per non-federal program system code. Active means the end date is null. Currently active identifiers with matching system codes will be automatically retired.	Cardinality	Critical	Facility Identification	FacilitySiteIdentifier
288	Facility Site Identifier Data Type	Maximum allowable width of 20 characters.	Format	Critical	Facility Identification	FacilitySiteIdentifier
1290	Facility Site Identifier Protected	If the data in the EIS for facility site identifier are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Facility Identification	FacilitySiteIdentifier
1389	Unique Alternative Facility Identifier within Non-Federal Program System Code	For all non-federal program system codes, active alternative facility identifiers must be unique within the program system code.	Conditional	Critical	Facility Identification	FacilitySiteIdentifier

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229	Active Identifier per Non-federal Program System Code Cardinality	There can only be one active facility site identifier per non-federal program system code. Active means the end date is null. Currently active identifiers with matching system codes will be automatically retired.	Cardinality	Critical	Facility Identification	ProgramSystemCode
152	Program System Code Present for Facility Identification	A program system code is required when reporting the facility identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Facility Identification	ProgramSystemCode
233	Program System Code Valid for Facility Identification	Must match value in list of registered codes.	Code	Critical	Facility Identification	ProgramSystemCode
1290	Facility Site Identifier Protected	If the data in the EIS for facility site identifier are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Facility Identification	ProgramSystemCode
1389	Unique Alternative Facility Identifier within Non-Federal Program System Code	For all non-federal program system codes, active alternative facility identifiers must be unique within the program system code.	Conditional	Critical	Facility Identification	ProgramSystemCode
29	NAICS Code Valid	Must match value in code list.	Code	Critical	FacilityNAICS	NAICSCode
134	NAICS Code Present	The NAICS code is required when reporting the facility site component for adding a new location. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	FacilityNAICS	NAICSCode
30	Facility Category Code Valid	Must match value in code list.	Code	Critical	FacilitySite	FacilityCategoryCode
215	Facility Site Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	FacilitySite	FacilitySiteComment
214	Facility Site Description Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	FacilitySite	FacilitySiteDescription
135	Facility Name Present	The name of the facility site is required when reporting the facility site component for adding a new location. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	FacilitySite	FacilitySiteName
213	Facility Site Name Data Type	Maximum allowable width of 80 characters.	Format	Critical	FacilitySite	FacilitySiteName
33	Facility Site Status Code Valid	Must match value in code list.	Code	Critical	FacilitySite	FacilitySiteStatusCode
35	Facility Site Status Code and Year	If facility site status code is not operating, the facility site status code year should be reported.	Conditional	Warning	FacilitySite	FacilitySiteStatusCode

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182	Facility Site Status Code Present	The facility site status code is required when reporting the facility site component for a new facility site.	Present	Critical	FacilitySite	FacilitySiteStatusCode
34	Facility Site Status Code Year Range	The year reported should be between 1900 to 2050.	Range	Critical	FacilitySite	FacilitySiteStatusCode Year
35	Facility Site Status Code and Year	If facility site status code is not operating, the facility site status code year should be reported.	Conditional	Warning	FacilitySite	FacilitySiteStatusCode Year
216	Facility Site Status Code Year Data Type	This element must be reported as an integer.	Format	Critical	FacilitySite	FacilitySiteStatusCode Year
1170	Geographic Coordinates Not Present for Portable Facilities	If the county FIPS code is 777, then the geographic coordinates component will not be accepted. All data elements in the geographic coordinates component will not be stored.	Present	Critical	Geographic Coordinates	
62	Coordinate Data Source Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	CoordinateDataSource Code
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	CoordinateDataSource Code
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	CoordinateDataSource Code
285	Data Collection Date Data Type	Date in the format of YYYYMMDD.	Format	Critical	Geographic Coordinates	DataCollectionDate
307	Data Collection Date Range	The data collection date must be between 01/01/1900 to 12/31/2050.	Range	Critical	Geographic Coordinates	DataCollectionDate
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	DataCollectionDate
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	DataCollectionDate
286	Location Comments Text Data Type	Maximum allowable width of 200 characters. Longer submissions may be truncated.	Format	Warning	Geographic Coordinates	GeographicComment

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1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	GeographicComment
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	GeographicComment
58	Geographic Reference Point Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	GeographicReferencePointCode
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	GeographicReferencePointCode
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	GeographicReferencePointCode
63	Geometric Type Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	GeometricTypeCode
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	GeometricTypeCode
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	GeometricTypeCode
54	Horizontal Accuracy Measure Minimum Range	Typically is between 1 to 2000, inclusive.	Range	Information	Geographic Coordinates	HorizontalAccuracyMeasure
284	Horizontal Accuracy Measure Data Type	This element must be reported as an integer.	Format	Critical	Geographic Coordinates	HorizontalAccuracyMeasure
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	HorizontalAccuracyMeasure

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1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	HorizontalAccuracy Measure
1111	Horizontal Accuracy Measure Critical Range	Must be between 0 and 999,999, inclusive.	Range	Critical	Geographic Coordinates	HorizontalAccuracy Measure
55	Horizontal Collection Method Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	HorizontalCollection MethodCode
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	HorizontalCollection MethodCode
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	HorizontalCollection MethodCode
56	Horizontal Reference Datum Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	HorizontalReference DatumCode
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	HorizontalReference DatumCode
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	HorizontalReference DatumCode
156	Latitude Measure Present	The latitude measure is required when reporting the Geographic Coordinates component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Geographic Coordinates	LatitudeMeasure
281	Latitude Measure Data Type	This element must be reported as a decimal.	Format	Critical	Geographic Coordinates	LatitudeMeasure
592	Latitude Measure Range	Must be greater than or equal to 17 and less than or equal to 71.	Range	Critical	Geographic Coordinates	LatitudeMeasure

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1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	LatitudeMeasure
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	LatitudeMeasure
157	Longitude Measure Present	The longitude measure is required when reporting the Geographic Coordinates component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Geographic Coordinates	LongitudeMeasure
282	Longitude Measure Data Type	This element must be reported as a decimal.	Format	Critical	Geographic Coordinates	LongitudeMeasure
593	Longitude Measure Range	Must be greater than or equal to -177 and less than or equal to -64.	Range	Critical	Geographic Coordinates	LongitudeMeasure
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	LongitudeMeasure
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	LongitudeMeasure
283	Source Map Scale Number Data Type	This element must be reported as an integer.	Format	Critical	Geographic Coordinates	SourceMapScale Number
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	SourceMapScale Number
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	SourceMapScale Number
1110	Source Scale Map Number Range	Must be between 1 and 999,999, inclusive.	Range	Critical	Geographic Coordinates	SourceMapScale Number

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61	Verification Method Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	VerificationMethodCode
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerificationMethodCode
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerificationMethodCode
59	Vertical Collection Method Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	VerticalCollectionMethodCode
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerticalCollectionMethodCode
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerticalCollectionMethodCode
64	Vertical Measure Minimum Range	Typically is between -500 to 5000, inclusive.	Range	Information	Geographic Coordinates	VerticalMeasure
287	Vertical Measure Data Type	This element must be reported as an integer.	Format	Critical	Geographic Coordinates	VerticalMeasure
1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerticalMeasure
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerticalMeasure
1133	Vertical Measure Critical Range	Must be between -1000 and 999,999, inclusive.	Range	Critical	Geographic Coordinates	VerticalMeasure
60	Vertical Reference Datum Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	VerticalReferenceDatumCode

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1230	Facility Site Geographic Coordinates Protected	If the data in the EIS for facility site geographic coordinates are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerticalReferenceDatum Code
1231	Release Point Geographic Coordinates Protected	If the data in the EIS for release point geographic coordinates are protected, data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Geographic Coordinates	VerticalReferenceDatum Code
136	Facility Site Address Present	The facility site address is required is required when the location component is reported for adding a new location. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Location	
137	Geographic Coordinates Present for Facility Sites	Reporting geographic coordinates is required when the location component is reported for adding a new location. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Location	
298	Location Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Location	LocationComment
26	State and Country Code Valid	Must match value in code list.	Code	Critical	Location	StateAndCountryFIPS Code
142	State and Country FIPS Code Required for Location	If the reporting jurisdiction is for a non-US country, the StateAndCountryFIPSCode is required.	Conditional	Critical	Location	StateAndCountryFIPS Code
143	Location Identification Code Cardinality	The point location block must contain one combination of Tribal Code; State and County FIPS Code; or State and Country FIPS Code.	Cardinality	Critical	Location	StateAndCountryFIPS Code
23	State and County FIPS Code Valid	Must match value in code list.	Code	Critical	Location	StateAndCountyFIPS Code
141	State and County FIPS Code Required for Location	If the reporting jurisdiction is for a State or County, the state and county FIPS code are required.	Conditional	Critical	Location	StateAndCountyFIPS Code
143	Location Identification Code Cardinality	The point location block must contain one combination of Tribal Code; State and County FIPS Code; or State and Country FIPS Code.	Cardinality	Critical	Location	StateAndCountyFIPS Code
25	Tribal Code Valid	Must match value in code list.	Code	Critical	Location	TribalCode

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
140	Tribal Code Required for Location	If the reporting jurisdiction is for a Tribe, a Tribal code is required.	Conditional	Critical	Location	TribalCode
143	Location Identification Code Cardinality	The point location block must contain one combination of Tribal Code; State and County FIPS Code; or State and Country FIPS Code.	Cardinality	Critical	Location	TribalCode
36	Facility Site Name and Company Name Uniqueness	If company name is provided, the combination of facility site name and company name must be unique for the jurisdiction in which it is located.	Conditional	Warning	Organization	FacilitySiteName
32	Facility Company Name Present	A facility company name should be reported.	Present	Warning	Organization	OrganizationFormal Name
36	Facility Site Name and Company Name Uniqueness	If company name is provided, the combination of facility site name and company name must be unique for the jurisdiction in which it is located.	Conditional	Warning	Organization	OrganizationFormal Name
212	Facility Company Name Data Type	Maximum allowable width of 80 characters. Longer submissions may be truncated.	Format	Warning	Organization	OrganizationFormal Name
108	Complete Release Point Apportionment	If the release point apportionment is reported, the total percent emissions apportionment reported from a single process must equal 100%.	Calculation	Critical	Process	
1132	Release Point Present for Process	A process must go to at least one release point.	Present	Critical	Process	
94	Last Emissions Year for Process Range	The year reported should be between 1900 to 2050.	Range	Critical	Process	LastEmissionsYear
269	Last Emissions Year for Process Data Type	This element must be reported as an integer.	Format	Critical	Process	LastEmissionsYear
270	Process Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Process	ProcessComment
268	Process Description Data Type	Maximum allowable width of 200 characters. Longer submissions may be truncated.	Format	Warning	Process	ProcessDescription
90	SCC Valid	Must match value in code list.	Code	Critical	Process	SourceClassification Code
187	SCC Present for Process	A source classification code is required when reporting the emissions process component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Process	SourceClassification Code

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
267	Identifier Data Type for Process Identification	Maximum allowable width of 20 characters.	Format	Critical	Process Identification	Identifier
558	Identifier Present for Process Identification	The identifier is required when reporting the process identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Process Identification	Identifier
559	Agency Process Identifier and SCC Combination Uniqueness	The combination of the agency process identifier and the SCC must be unique within the unit.	Conditional	Critical	Process Identification	Identifier
559	Agency Process Identifier and SCC Combination Uniqueness	The combination of the agency process identifier and the SCC must be unique within the unit.	Conditional	Critical	Process Identification	SourceClassification Code
218	Regulation Reported at Multiple Levels	A regulation should only be reported for either the emissions unit or the emissions process but not both for the same emissions unit.	Cardinality	Warning	Regulation	
219	Distinct Regulations for Emissions Unit	An active regulation may only be reported once for an emissions unit.	Cardinality	Critical	Regulation	
220	Distinct Regulations for Emissions Process	An active regulation may only be reported once for an emissions process.	Cardinality	Critical	Regulation	
111	Agency Code Text for Regulations	If the regulatory code indicates it is a non Federal or a State program then the agency code text is required.	Conditional	Critical	Regulation	AgencyCodeText
247	Agency Code Text for Regulations Data Type	Maximum allowable width of 100 characters.	Format	Critical	Regulation	AgencyCodeText
248	Regulation Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Regulation	RegulationComment
1250	Emissions Unit Regulation Protected	If the data in the EIS for emissions unit regulation are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Regulation	RegulationComment
1251	Process Regulation Protected	If the data in the EIS for emissions process regulation are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Regulation	RegulationComment
110	Regulatory Code Valid	Must match value in code list.	Code	Critical	Regulation	RegulatoryCode

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
111	Agency Code Text for Regulations	If the regulatory code indicates it is a non Federal or a State program then the agency code text is required.	Conditional	Critical	Regulation	RegulatoryCode
221	Regulatory Code Present	The regulatory code is required when reporting the regulation component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Regulation	RegulatoryCode
1269	Process Level Regulation	Only regulations indicated to be reported at the process level should be reported at the process level.	Relationship	Warning	Regulation	RegulatoryCode
1270	Emissions Unit Level Regulation	Only regulations indicated to be reported at the unit level should be reported at the unit level.	Relationship	Warning	Regulation	RegulatoryCode
1250	Emissions Unit Regulation Protected	If the data in the EIS for emissions unit regulation are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Regulation	RegulatoryStartYear
1251	Process Regulation Protected	If the data in the EIS for emissions process regulation are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	Regulation	RegulatoryStartYear
1089	Regulatory Start Year Present	The regulatory start year should be reported.	Present	Warning	Regulation	RegulatoryStartYear
1090	Regulatory Start Year Data Type	Year in the format of YYYY.	Format	Critical	Regulation	RegulatoryStartYear
1091	Regulatory Start Year Range	The regulatory start year must be between 1900 and 2050.	Range	Critical	Regulation	RegulatoryStartYear
18	Emission Release Point Identifiers Present	Either the EIS emission release point identifier or the agency emission release point identifier is required when reporting the emissions process component. Both identifiers may be reported. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint	
1369	Release Point Exit Gas Velocity Measure Range for FPS for Fugitive	If the release point exit gas velocity unit of measure is FPS and the release point type is fugitive, release point exit gas velocity measure must be 0 to 400, inclusive.	Range	Critical	ReleasePoint	

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
1370	Release Point Exit Gas Velocity Measure Range for FPM for Fugitive	If the release point exit gas velocity unit of measure is FPM and the release point type is fugitive, release point exit gas velocity measure must be 0 to 24,000, inclusive.	Range	Critical	ReleasePoint	
1371	Release Point Exit Gas Flow Rate Measure Range for ACFM for Fugitive	If the release point exit flow gas unit of measure is ACFM and the release point type is fugitive, release point exit gas flow rate measure must be between 0 to 12,000,000, inclusive.	Range	Critical	ReleasePoint	
1372	Release Point Exit Gas Flow Rate Measure Range for ACFS for Fugitive	If the release point exit flow gas unit of measure is ACFS and the release point type is fugitive, release point exit gas flow rate measure must be between 0 to 200,000; inclusive.	Range	Critical	ReleasePoint	
266	Emission Release Point Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	ReleasePoint	ReleasePointComment
254	Release Point Description Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	ReleasePoint	ReleasePoint Description
174	Release Point Exit Gas Flow Rate Measure or Exit Gas Velocity Required for Stack Release Points	If the release point type code is a stack type then either exit gas velocity or exit gas flow rate is required.	Conditional	Critical	ReleasePoint	ReleasePointExitGas FlowRateMeasure
192	Consistency of Release Point Exit Gas Flow Rate and Velocity	If all three data elements are reported, the following formula is used to calculate the release point exit gas flow rate measure. If this value and the reported exit gas flow rate are within 5% of each other then the reported data is considered valid. Flow Rate = $\{Pi\} * (Stack\ Diameter / 2) ^ 2 * Velocity$.	Calculation	Warning	ReleasePoint	ReleasePointExitGas FlowRateMeasure
258	Release Point Exit Gas Flow Rate Measure Data Type	This element must be reported as a decimal.	Format	Critical	ReleasePoint	ReleasePointExitGas FlowRateMeasure
518	Release Point Exit Gas Flow Rate Measure Range for ACFM for Stacks	If the release point exit flow gas unit of measure is ACFM and the release point type is not fugitive, release point exit gas flow rate measure must be between 0.1 to 12,000,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGas FlowRateMeasure
519	Release Point Exit Gas Flow Rate Measure Range for ACFS for Stacks	If the release point exit flow gas unit of measure is ACFS and the release point type is not fugitive, release point exit gas flow rate measure must be between 0.1 to 200,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGas FlowRateMeasure

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
1315	Stack Gas Flow Rate and UoM Protected	If the data in the EIS for stack gas flow rate and UoM are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	ReleasePoint	ReleasePointExitGasFlowRateMeasure
1153	Release Point Exit Gas Flow Rate Measure Critical Range	Must be between 0 and 99,999,999.9, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGasFlowRateMeasure
102	Release Point Exit Gas Flow Rate Unit of Measure Present	Exit gas flow rate and exit gas flow rate unit of measure must both be reported for either to be accepted.	Present	Critical	ReleasePoint	ReleasePointExitGasFlowRateUnitofMeasureCode
330	Release Point Exit Gas Flow Rate Unit of Measure Code Valid	Must match value in code list.	Code	Critical	ReleasePoint	ReleasePointExitGasFlowRateUnitofMeasureCode
518	Release Point Exit Gas Flow Rate Measure Range for ACFM for Stacks	If the release point exit flow gas unit of measure is ACFM and the release point type is not fugitive, release point exit gas flow rate measure must be between 0.1 to 12,000,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGasFlowRateUnitofMeasureCode
519	Release Point Exit Gas Flow Rate Measure Range for ACFS for Stacks	If the release point exit flow gas unit of measure is ACFS and the release point type is not fugitive, release point exit gas flow rate measure must be between 0.1 to 200,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGasFlowRateUnitofMeasureCode
1315	Stack Gas Flow Rate and UoM Protected	If the data in the EIS for stack gas flow rate and UoM are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	ReleasePoint	ReleasePointExitGasFlowRateUnitofMeasureCode
172	Release Point Exit Temperature Measure Present	If the release point type code is a stack type, then the release point exit gas temperature measure is required. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint	ReleasePointExitGasTemperatureMeasure
259	Release Point Exit Gas Temperature Measure Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointExitGasTemperatureMeasure
511	Release Point Exit Gas Temperature Measure Range	Must be between 30 to 3500, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGasTemperatureMeasure

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
174	Release Point Exit Gas Flow Rate Measure or Exit Gas Velocity Required for Stack Release Points	If the release point type code is a stack type then either exit gas velocity or exit gas flow rate is required.	Conditional	Critical	ReleasePoint	ReleasePointExitGas VelocityMeasure
192	Consistency of Release Point Exit Gas Flow Rate and Velocity	If all three data elements are reported, the following formula is used to calculate the release point exit gas flow rate measure. If this value and the reported exit gas flow rate are within 5% of each other then the reported data is considered valid. $\text{Flow Rate} = \{\text{Pi}\} * (\text{Stack Diameter} / 2) ^ 2 * \text{Velocity}$.	Calculation	Warning	ReleasePoint	ReleasePointExitGas VelocityMeasure
257	Release Point Exit Gas Velocity Measure Data Type	This element must be reported as a decimal.	Format	Critical	ReleasePoint	ReleasePointExitGas VelocityMeasure
512	Release Point Exit Gas Velocity Measure Range for FPS for Stacks	If the release point exit gas velocity unit of measure is FPS and the release point type is not fugitive, release point exit gas velocity measure must be 0.1 to 400, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGas VelocityMeasure
517	Release Point Exit Gas Velocity Measure Range for FPM for Stacks	If the release point exit gas velocity unit of measure is FPM and the release point type is not fugitive, release point exit gas velocity measure must be 0.1 to 24,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGas VelocityMeasure
1314	Stack Gas Velocity and UoM Protected	If the data in the EIS for stack gas velocity and UoM are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	ReleasePoint	ReleasePointExitGas VelocityMeasure
1152	Release Point Exit Gas Velocity Measure Critical Range	Must be between 0 and 99,999.9, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGas VelocityMeasure
103	Release Point Exit Gas Velocity Unit of Measure Present	Exit gas velocity and exit gas velocity unit of measure must both be reported for either to be accepted.	Present	Critical	ReleasePoint	ReleasePointExitGas VelocityUnitofMeasure Code
329	Release Point Exit Gas Velocity Unit of Measure Code Valid	Must match value in code list.	Code	Critical	ReleasePoint	ReleasePointExitGas VelocityUnitofMeasure Code
512	Release Point Exit Gas Velocity Measure Range for FPS for Stacks	If the release point exit gas velocity unit of measure is FPS and the release point type is not fugitive, release point exit gas velocity measure must be 0.1 to 400, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGas VelocityUnitofMeasure Code

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
517	Release Point Exit Gas Velocity Measure Range for FPM for Stacks	If the release point exit gas velocity unit of measure is FPM and the release point type is not fugitive, release point exit gas velocity measure must be 0.1 to 24,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointExitGasVelocityUnitofMeasureCode
1314	Stack Gas Velocity and UoM Protected	If the data in the EIS for stack gas velocity and UoM are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	ReleasePoint	ReleasePointExitGasVelocityUnitofMeasureCode
175	Release Point Fence Line Distance Measure Present	If the release point type code is a stack type, then the release point fence line measure should be reported.	Present	Warning	ReleasePoint	ReleasePointFenceLineDistanceMeasure
198	Release Point Fence Line Distance Measure Range	Typically between 1 to 10,000, inclusive.	Range	Information	ReleasePoint	ReleasePointFenceLineDistanceMeasure
261	Release Point Fence Line Distance Measure Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointFenceLineDistanceMeasure
1112	Release Point Fence Line Distance Measure Critical Range	Must be between 0 and 99,999, inclusive.	Range	Critical	ReleasePoint	ReleasePointFenceLineDistanceMeasure
179	Release Point Angle Measure Present	If the release point type code is a fugitive type, then the release point fugitive angle measure should be reported.	Present	Warning	ReleasePoint	ReleasePointFugitiveAngleMeasure
197	Release Point Fugitive Angle Measure Range	Should be between 0 to 179, inclusive.	Range	Critical	ReleasePoint	ReleasePointFugitiveAngleMeasure
265	Release Point Fugitive Angle Measure Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointFugitiveAngleMeasure
194	Release Point Fugitive Height Measure Range	Should be between 0 to 500, inclusive.	Range	Critical	ReleasePoint	ReleasePointFugitiveHeightMeasure
176	Release Point Fugitive Height Measure Present	If the release point type code is a fugitive type, then the release point fugitive height measure should be reported.	Present	Warning	ReleasePoint	ReleasePointFugitiveHeightMeasure
262	Release Point Fugitive Height Measure Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointFugitiveHeightMeasure
178	Release Point Fugitive Length Measure Present	If the release point type code is a fugitive type, then the release point fugitive length measure should be reported.	Present	Warning	ReleasePoint	ReleasePointFugitiveLengthMeasure

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
178	Release Point Fugitive Length Measure Present	If the release point type code is a fugitive type, then the release point fugitive length measure should be reported.	Present	Warning	ReleasePoint	ReleasePointFugitiveLengthMeasure
195	Release Point Fugitive Length Measure Range	Should be between 1 to 10,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointFugitiveLengthMeasure
264	Release Point Fugitive Length Measure Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointFugitiveLengthMeasure
177	Release Point Fugitive Width Measure Present	If the release point type code is a fugitive type, then the release point fugitive width measure should be reported.	Present	Warning	ReleasePoint	ReleasePointFugitiveWidthMeasure
196	Release Point Fugitive Width Measure Range	Should be between 1 to 10,000, inclusive.	Range	Critical	ReleasePoint	ReleasePointFugitiveWidthMeasure
263	Release Point Fugitive Width Measure Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointFugitiveWidthMeasure
193	Release Point Stack Diameter Measure Not Greater than Height Measure	The release point stack diameter measure must be smaller than the release point stack height measure.	Calculation	Critical	ReleasePoint	ReleasePointStackDiameterMeasure
171	Release Point Stack Diameter Measure Present	If the release point type code is a stack type, then the release point stack diameter measure is required. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint	ReleasePointStackDiameterMeasure
192	Consistency of Release Point Exit Gas Flow Rate and Velocity	If all three data elements are reported, the following formula is used to calculate the release point exit gas flow rate measure. If this value and the reported exit gas flow rate are within 5% of each other then the reported data is considered valid. $\text{Flow Rate} = \{Pi\} * (\text{Stack Diameter} / 2) ^ 2 * \text{Velocity}$.	Calculation	Warning	ReleasePoint	ReleasePointStackDiameterMeasure
256	Release Point Stack Diameter Measure Data Type	This element must be reported as a decimal.	Format	Critical	ReleasePoint	ReleasePointStackDiameterMeasure
510	Release Point Stack Diameter Measure Range	Must be between 0.1 to 100, inclusive.	Range	Critical	ReleasePoint	ReleasePointStackDiameterMeasure
1312	Stack Diameter Protected	If the data in the EIS for stack diameter are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	ReleasePoint	ReleasePointStackDiameterMeasure

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
170	Release Point Stack Height Measure Present	If the release point type code is a stack type, then the release point stack height measure is required. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint	ReleasePointStack HeightMeasure
255	Release Point Stack Height Measure Data Type	This element must be reported as a decimal.	Format	Critical	ReleasePoint	ReleasePointStack HeightMeasure
321	Release Point Stack Height Measure Range	Must be between 1 to 1300, inclusive.	Range	Critical	ReleasePoint	ReleasePointStack HeightMeasure
1311	Stack Height Protected	If the data in the EIS for stack height are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	ReleasePoint	ReleasePointStack HeightMeasure
1070	Operating Status Dependency for Release Points	A release point operating status may not be changed if the facility site operating status is not operating.	Conditional	Critical	ReleasePoint	ReleasePointStatus Code
1094	Release Point Operating Status Present	The operating status is required when reporting the emissions release point component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint	ReleasePointStatus Code
1095	Release Point Operating Status Code Valid	Must match value in code list.	Code	Critical	ReleasePoint	ReleasePointStatus Code
1096	Release Point Operating Status Code and Year	If the release point status code is not operating, the release point status code year should be reported.	Conditional	Warning	ReleasePoint	ReleasePointStatus Code
1096	Release Point Operating Status Code and Year	If the release point status code is not operating, the release point status code year should be reported.	Conditional	Warning	ReleasePoint	ReleasePointStatus CodeYear
1097	Release Point Operating Status Code Year Range	The year reported should be between 1900 to 2050.	Range	Critical	ReleasePoint	ReleasePointStatus CodeYear
1098	Release Point Operating Status Code Year Data Type	This element must be reported as an integer.	Format	Critical	ReleasePoint	ReleasePointStatus CodeYear
100	Release Point Type Code Valid	Must match value in code list.	Code	Critical	ReleasePoint	ReleasePointTypeCode

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
101	Release Point Type Code Present for Release Points	The release point type code is required when reporting the emissions process component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint	ReleasePointTypeCode
106	Average Percent Emissions Range	Must be greater than or equal to 1.0, and less than or equal to 100.0.	Range	Critical	ReleasePoint Apportionment	AveragePercent Emissions
188	Average Percent Emissions Required	The average percent emissions is required.	Conditional	Critical	ReleasePoint Apportionment	AveragePercent Emissions
249	Average Percent Emissions Data Type	This element must be reported as a decimal.	Format	Critical	ReleasePoint Apportionment	AveragePercent Emissions
250	Release Point Apportionment Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	ReleasePoint Apportionment	ReleasePoint ApportionmentComment
99	EIS Emission Release Point Identifier Exists	Must match an EIS emission release point identifier.	Conditional	Critical	ReleasePoint Identification	Identifier
253	Identifier Data Type for Release Point Identification	Maximum allowable width of 20 characters.	Format	Critical	ReleasePoint Identification	Identifier
1429	Identifier Present for Release Point Identification	The identifier must be reported when reporting the release point identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint Identification	Identifier
320	EIS Release Point Identifier Matches Facility Site	The reported EIS release pointer identifier matched in the EIS is associated with the reported facility site.	Conditional	Critical	ReleasePoint Identification	Identifier
1430	Program System Code Present for Release Point Identification	A program system code is required when reporting the release point identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReleasePoint Identification	ProgramSystemCode
1431	Program System Code Valid for Release Point Identification	Must match value in list of registered codes.	Code	Critical	ReleasePoint Identification	ProgramSystemCode
83	Effective Date Range for Unit Identification	The effective date range must be between 01/01/1900 to 12/31/2050.	Range	Critical	UnitIdentification	EffectiveDate
87	Effective Date and End Date Order for Unit Identification	The effective date must be before the end date for an unit identification.	Range	Critical	UnitIdentification	EffectiveDate
169	Effective Date Present for Unit Identification	The effective date should be reported when reporting the unit identification component.	Present	Warning	UnitIdentification	EffectiveDate

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
272	Effective Date for Unit Identification Data Type	Date in the format of YYYYMMDD.	Format	Critical	UnitIdentification	EffectiveDate
1291	Identifier Protected for Unit Identification	If the data in the EIS for identifier in unit identification are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	UnitIdentification	EffectiveDate
85	End Date Range for Unit Identification	The end date must be between 01/01/1900 to 12/31/2050.	Range	Critical	UnitIdentification	EndDate
87	Effective Date and End Date Order for Unit Identification	The effective date must be before the end date for an unit identification.	Range	Critical	UnitIdentification	EndDate
273	End Date for Unit Identification Data Type	Date in the format of YYYYMMDD.	Format	Critical	UnitIdentification	EndDate
1291	Identifier Protected for Unit Identification	If the data in the EIS for identifier in unit identification are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	UnitIdentification	EndDate
66	EIS Emissions Unit Identifier Exists	Must match an EIS emissions unit identifier.	Conditional	Critical	UnitIdentification	Identifier
167	Identifier Present for Unit Identification	The identifier is required when reporting the unit identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	UnitIdentification	Identifier
271	Identifier Data Type for Unit Identification	Maximum allowable width of 20 characters.	Format	Critical	UnitIdentification	Identifier
319	EIS Emissions Unit Identifier Matches Facility Site	The reported EIS emissions unit identifier matches in the EIS is associated with the reported facility site.	Conditional	Critical	UnitIdentification	Identifier
1189	Active Identifier per Program System Code for Unit Identification Cardinality	There can only be one active identifier per non-federal program system code per facility site. Active means the end date is null. Currently active identifiers with matching system codes will be automatically retired.	Cardinality	Critical	UnitIdentification	Identifier
1291	Identifier Protected for Unit Identification	If the data in the EIS for identifier in unit identification are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	UnitIdentification	Identifier

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
168	Program System Code Present for Unit Identification	A program system code is required when reporting the unit identification component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	UnitIdentification	ProgramSystemCode
234	Program System Code Valid for Unit Identification	Must match value in list of registered codes.	Code	Critical	UnitIdentification	ProgramSystemCode
1189	Active Identifier per Program System Code for Unit Identification Cardinality	There can only be one active identifier per non-federal program system code per facility site. Active means the end date is null. Currently active identifiers with matching system codes will be automatically retired.	Cardinality	Critical	UnitIdentification	ProgramSystemCode
1291	Identifier Protected for Unit Identification	If the data in the EIS for identifier in unit identification are protected, the data will not be stored. A request to unprotect the data can be made through ticketing management.	Conditional	Critical	UnitIdentification	ProgramSystemCode