

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
487	Emissions Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Emissions	EmissionsComment
476	Emissions Unit of Measure Code Valid	Must match value in code list.	Code	Critical	Emissions	EmissionsUnitofMeasureCode
479	Emissions Unit of Measure Code Present	Emissions unit of measure code is required when reporting the Emissions component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Emissions	EmissionsUnitofMeasureCode
470	Pollutant Code Valid	Must match value in code list.	Code	Critical	Emissions	PollutantCode
471	Pollutant Code Present for Emissions	Pollutant code is required when reporting the Emissions component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Emissions	PollutantCode
832	PM Primary Emissions Comparison	If PM2.5 Primary and PM10 Primary are both reported pollutants, then PM2.5 Primary should not exceed PM10 Primary based on the same reporting period.	Conditional	Warning	Emissions	PollutantCode
835	PM Filterable Emissions Comparison	If PM2.5 Filterable and PM10 Filterable are both reported pollutants, then PM2.5 Filterable should not exceed PM10 Filterable based on the same reporting period.	Conditional	Warning	Emissions	PollutantCode
836	PM2.5 Present	If PM10 is reported, then PM2.5 should be reported.	Conditional	Warning	Emissions	PollutantCode
839	PM Condensable and Filterable Dependency	If PM Condensable is reported, then PM2.5 and PM10 Filterable should be reported.	Conditional	Warning	Emissions	PollutantCode
473	Total Emissions Present	Total emissions are required when reporting the Emissions component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Emissions	TotalEmissions
474	Total Emissions Critical Range	Must be inside the critical outlier range.	Range	Critical	Emissions	TotalEmissions
475	Total Emissions Moderate Range	Should be inside the moderate outlier range.	Range	Warning	Emissions	TotalEmissions
569	Total Emissions Data Type	This element must be reported as a float.	Format	Critical	Emissions	TotalEmissions
528	Excluded Location Valid	Excluded Location must be a geographical subset of the primary location.	Present	Critical	ExcludedLocation Parameter	

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526	Location Comment for Excluded Location Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	ExcludedLocationParameter	LocationComment
522	Location Type Code for Excluded Location Valid	Must match value in code list.	Code	Critical	ExcludedLocationParameter	LocationTypeCode
509	Location Valid	Location must be within the geographical jurisdiction of the reporting entity.	Present	Critical	Location	
126	Location Uniqueness in XML File Submission	Report only one set of information regarding a unique location within an XML file submission. Duplicate sets of unique locations within a file submission results in file submission errors.	Cardinality	Critical	Location	
576	Census Block Identifier for Location Valid	Must match value in code list.	Code	Critical	Location	CensusBlockIdentifier
577	Census Tract Identifier for Location Valid	Must match value in code list.	Code	Critical	Location	CensusTractIdentifier
298	Location Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Location	LocationComment
578	Shape Identifier for Location Valid	Must match a shapefile identifier that is in the EIS shape library on the EIS Gateway.	Code	Critical	Location	ShapeIdentifier
26	State and Country Code Valid	Must match value in code list.	Code	Critical	Location	StateAndCountryFIPSCode
26	State and Country Code Valid	Must match value in code list.	Code	Critical	Location	StateAndCountryFIPSCode
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	StateAndCountryFIPSCode
23	State and County FIPS Code Valid	Must match value in code list.	Code	Critical	Location	StateAndCountyFIPSCode
23	State and County FIPS Code Valid	Must match value in code list.	Code	Critical	Location	StateAndCountyFIPSCode
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	StateAndCountyFIPSCode
25	Tribal Code Valid	Must match value in code list.	Code	Critical	Location	TribalCode
25	Tribal Code Valid	Must match value in code list.	Code	Critical	Location	TribalCode
140	Tribal Code Required for Location	If the reporting jurisdiction is for a Tribe, a Tribal code is required.	Conditional	Critical	Location	TribalCode

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613	Emissions Type Code Present	Emissions type code is required for onroad and nonroad process.	Present	Critical	Process	EmissionsTypeCode
614	Emissions Type Code Valid	Must match value in code list.	Code	Critical	Process	EmissionsTypeCode
270	Process Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Process	ProcessComment
550	Monthly Reporting Period Value Present	All 12 months must be submitted together.	Present	Critical	ReportingPeriod	
411	Calculation Data Source Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	ReportingPeriod	CalculationData Source
407	Calculation Data Year Data Type	This element must be reported as an integer.	Format	Critical	ReportingPeriod	CalculationDataYear
408	Calculation Data Year Range	Must be between 1900 and 2050.	Range	Critical	ReportingPeriod	CalculationDataYear
397	Calculation Parameter Unit of Measure Valid	Must match value in code list.	Code	Critical	ReportingPeriod	CalculationParameter UnitofMeasure
564	Calculation Parameter Unit of Measure Present	Activity unit of measure is required when reporting the General Activity component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReportingPeriod	CalculationParameter UnitofMeasure
394	Calculation Parameter Value Data Type	This element must be reported as a float.	Format	Critical	ReportingPeriod	CalculationParameter Value
395	Calculation Parameter Value Range	Must be greater than or equal to zero.	Range	Critical	ReportingPeriod	CalculationParameter Value
563	Calculation Parameter Value Present	Calculation parameter value is required when reporting the reporting period component. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	ReportingPeriod	CalculationParameter Value
382	Reporting Period Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	ReportingPeriod	ReportingPeriod Comment
809	Annual Reporting Period Cardinality Per Location	There must be exactly one annual emissions record with emission operating type code of routine for each location, process, and pollutant reported. Additional records with other reporting period type codes may also be reported.	Cardinality	Critical	ReportingPeriod	ReportingPeriodType Code