

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
838	PM Percent Control Measure Reduction Efficiency Dependency	If both are reported, PM2.5 percent control measure reduction efficiency cannot be larger than PM10 percent control measure reduction efficiency.	Conditional	Critical	ControlPollutant	PercentControlMeasuresReductionEfficiency
485	Emission Calculation Method Code Valid	Must match value in code list.	Code	Critical	Emissions	EmissionCalculationMethodCode
486	Emission Calculation Method Code Present	Emission calculation method 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	EmissionCalculationMethodCode
480	Emission Factor Data Type	This element must be reported as a float.	Format	Critical	Emissions	EmissionFactor
611	Emission Factor Range	Must be greater than zero.	Range	Critical	Emissions	EmissionFactor
483	Emission Factor Denominator Unit of Measure Code Valid	Must match value in code list.	Code	Critical	Emissions	EmissionFactorDenominatorUnitofMeasureCode
571	Emission Factor Denominator Unit of Measure Conditionally Required	If the emission factor is reported, then the emission factor denominator unit of measure is required.	Conditional	Critical	Emissions	EmissionFactorDenominatorUnitofMeasureCode
482	Emission Factor Numerator Unit of Measure Code Valid	Must match value in code list.	Code	Critical	Emissions	EmissionFactorNumeratorUnitofMeasureCode
570	Emission Factor Numerator Unit of Measure Conditionally Required	If the emission factor is reported, then the emission factor numerator unit of measure is required.	Conditional	Critical	Emissions	EmissionFactorNumeratorUnitofMeasureCode
484	Emission Factor Text Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	Emissions	EmissionFactorText
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
491	Emissions for Pollutants Present	Emissions should be reported for pollutants reported in the Control Pollutants component.	Present	Warning	Emissions	PollutantCode

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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
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
491	Emissions for Pollutants Present	Emissions should be reported for pollutants reported in the Control Pollutants component.	Present	Warning	Emissions	TotalEmissions
569	Total Emissions Data Type	This element must be reported as a float.	Format	Critical	Emissions	TotalEmissions
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	
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	FacilityIdentification	FacilitySiteIdentifier
555	Facility Site Identifier Exists for Point	To use the facility site identifier and program system code for identification, the facility site identifier and system code combination must exist in the facility inventory.	Conditional	Critical	FacilityIdentification	Identifier
555	Facility Site Identifier Exists for Point	To use the facility site identifier and program system code for identification, the facility site identifier and system code combination must exist in the facility inventory.	Conditional	Critical	FacilityIdentification	ProgramSystemCode
415	Actual Hours Per Period Data Type	This element must be reported as an integer.	Format	Critical	OperatingDetails	ActualHoursPerPeriod

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416	Actual Hours Per Period Range	Must be greater than zero and less than or equal to 8784.	Range	Critical	OperatingDetails	ActualHoursPerPeriod
419	Average Days Per Week Data Type	This element must be reported as a decimal.	Format	Critical	OperatingDetails	AverageDaysPerWeek
420	Average Days Per Week Range	Must be greater than zero and less than or equal to 7.	Range	Critical	OperatingDetails	AverageDaysPerWeek
417	Average Hours Per Day Data Type	This element must be reported as a decimal.	Format	Critical	OperatingDetails	AverageHoursPerDay
418	Average Hours Per Day Range	Must be greater than zero and less than or equal to 24.	Range	Critical	OperatingDetails	AverageHoursPerDay
421	Average Weeks Per Period Data Type	This element must be reported as an integer.	Format	Critical	OperatingDetails	AverageWeeksPerPeriod
422	Average Weeks Per Period Range	Must be greater than zero and less than or equal to 52.	Range	Critical	OperatingDetails	AverageWeeksPerPeriod
430	Percent Fall Activity Data Type	This element must be reported as a decimal.	Format	Critical	OperatingDetails	PercentFallActivity
431	Percent Fall Activity Range	Must be value between zero and 100, inclusive.	Range	Critical	OperatingDetails	PercentFallActivity
449	Complete Seasonal Percentage Should Be Reported	The seasonal percentages must either all be reported or none be reported.	Conditional	Critical	OperatingDetails	PercentFallActivity
567	Complete Seasonal Percentage Range	The seasonal percentages must total 100 +/- 0.5.	Calculation	Critical	OperatingDetails	PercentFallActivity
425	Percent Spring Activity Data Type	This element must be reported as a decimal.	Format	Critical	OperatingDetails	PercentSpringActivity
426	Percent Spring Activity Range	Must be a value between zero and 100, inclusive.	Range	Critical	OperatingDetails	PercentSpringActivity
449	Complete Seasonal Percentage Should Be Reported	The seasonal percentages must either all be reported or none be reported.	Conditional	Critical	OperatingDetails	PercentSpringActivity
567	Complete Seasonal Percentage Range	The seasonal percentages must total 100 +/- 0.5.	Calculation	Critical	OperatingDetails	PercentSpringActivity
427	Percent Summer Activity Data Type	This element must be reported as a decimal.	Format	Critical	OperatingDetails	PercentSummerActivity
429	Percent Summer Activity Range	Must be value between zero and 100, inclusive.	Range	Critical	OperatingDetails	PercentSummerActivity
449	Complete Seasonal Percentage Should Be Reported	The seasonal percentages must either all be reported or none be reported.	Conditional	Critical	OperatingDetails	PercentSummerActivity
567	Complete Seasonal Percentage Range	The seasonal percentages must total 100 +/- 0.5.	Calculation	Critical	OperatingDetails	PercentSummerActivity
423	Percent Winter Activity Data Type	This element must be reported as a decimal.	Format	Critical	OperatingDetails	PercentWinterActivity

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424	Percent Winter Activity Range	Must be a value between zero and 100, inclusive.	Range	Critical	OperatingDetails	PercentWinterActivity
449	Complete Seasonal Percentage Should Be Reported	The seasonal percentages must either all be reported or none be reported.	Conditional	Critical	OperatingDetails	PercentWinterActivity
567	Complete Seasonal Percentage Range	The seasonal percentages must total 100 +/- 0.5.	Calculation	Critical	OperatingDetails	PercentWinterActivity
90	SCC Valid	Must match value in code list.	Code	Critical	Process	SourceClassificationCode
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	SourceClassificationCode
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	ProcessIdentification	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	ProcessIdentification	Identifier
267	Identifier Data Type for Process Identification	Maximum allowable width of 20 characters.	Format	Critical	ProcessIdentification	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	ProcessIdentification	SourceClassificationCode
411	Calculation Data Source Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	ReportingPeriod	CalculationDataSource
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
402	Calculation Material Code Present	Calculation material code 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	CalculationMaterialCode
566	Calculation Parameter Type Code Valid	Must match value in code list.	Code	Critical	ReportingPeriod	CalculationMaterialCode
403	Calculation Parameter Type Code Valid	Must match value in code list.	Code	Critical	ReportingPeriod	CalculationParameterTypeCode

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404	Calculation Parameter Type Code Present	Calculation parameter type code 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	CalculationParameterTypeCode
397	Calculation Parameter Unit of Measure Valid	Must match value in code list.	Code	Critical	ReportingPeriod	CalculationParameterUnit ofMeasure
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	CalculationParameterUnit ofMeasure
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
366	Emission Operating Type Code Valid	Must match value in code list.	Code	Critical	ReportingPeriod	EmissionOperatingType Code
369	End Date for Episodic Reporting Period Data Type	Date in the format YYYYMMDD.	Format	Critical	ReportingPeriod	EndDate
380	End Date for Episodic Reporting Period Range	The end date for an episodic reporting period must be within the inventory year.	Range	Critical	ReportingPeriod	EndDate
562	End Date Required for Episodic Reporting Period	If the reporting period type code is episodic, the end date is required.	Conditional	Critical	ReportingPeriod	EndDate
389	Episodic Reporting Date Relative Range	EndDate must occur after StartDate.	Range	Critical	ReportingPeriod	EndDate
382	Reporting Period Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	ReportingPeriod	ReportingPeriodComment
353	Reporting Period Type Code Valid	Must match value in code list.	Code	Critical	ReportingPeriod	ReportingPeriodType Code
354	Annual Reporting Period Cardinality	There must be exactly one annual emissions record with emission operating type code of routine for each unit, process, and pollutant reported. Additional records with other reporting period type codes may also be reported.	Cardinality	Critical	ReportingPeriod	ReportingPeriodType Code
356	Episodic Reporting Period Cardinality	Episodic reporting periods may not overlap for a unit, process, and pollutant combination.	Cardinality	Critical	ReportingPeriod	ReportingPeriodType Code

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359	5 Month Ozone Season Reporting Period Code Valid	This code can be used only for NO _x emissions.	Relationship	Critical	ReportingPeriod	ReportingPeriodType Code
360	Summer Day Reporting Period Code Valid	This code can be used only for NO _x , VOC, or CO emissions.	Relationship	Critical	ReportingPeriod	ReportingPeriodType Code
361	Emissions Value for Summer Day Reporting Period	Emissions should not be more than corresponding the annual emissions divided by 300.	Calculation	Warning	ReportingPeriod	ReportingPeriodType Code
364	Winter Reporting Period Code Valid	This code can be used only for carbon monoxide (CO) emissions.	Relationship	Critical	ReportingPeriod	ReportingPeriodType Code
371	Start Date for Episodic Reporting Period Range	The start date for an episodic reporting period must be within the inventory year.	Range	Critical	ReportingPeriod	StartDate
379	Start Date for Episodic Reporting Period Data Type	Date in the format YYYYMMDD.	Format	Critical	ReportingPeriod	StartDate
389	Episodic Reporting Date Relative Range	EndDate must occur after StartDate.	Range	Critical	ReportingPeriod	StartDate
560	Start Date Required for Episodic Reporting Period	If the reporting period type code is episodic, the start date is required.	Conditional	Critical	ReportingPeriod	StartDate
460	Supplemental Calculation Parameter Accepted for Fuel Combustion SCCs	The Supplemental Calculations Parameter component must be associated with a fuel combustion SCC.	Relationship	Critical	Supplemental CalculationParameter	
458	Supplemental Calculation Parameter Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	SupplementalCalculationParameter	SupplementalCalculationParameterComment
452	Supplemental Calculation Parameter Unit of Measure Code Valid	Must match value in code list.	Code	Critical	SupplementalCalculationParameter	SupplementalCalculationParameterUnitOfMeasure
450	Supplemental Calculation Parameter Value Data Type	This element must be reported as a float.	Format	Critical	SupplementalCalculationParameter	SupplementalCalculationParameterValue
451	Supplemental Calculation Parameter Value Range	Must be greater than zero.	Range	Critical	SupplementalCalculationParameter	SupplementalCalculationParameterValue
830	Agency Emissions Unit Identifier Matches Facility Site	To use the agency emissions unit identifier for identification, the agency unit identifier must exist in the facility inventory for this facility site.	Conditional	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