

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
951	Attachment File Content Type Code	For events, value must be "GIS."	Code	Critical	AttachedFile	AttachmentFileContent TypeCode
1052	Attachment File Content Type Code Present	Attachment file content type code must be reported for the attached file component. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	AttachedFile	AttachmentFileContent TypeCode
950	Attachment File Name Attachment Present	Matching filename found for attachment.	Present	Critical	AttachedFile	AttachmentFileName
990	Attachment File Name Present	Attachment file name is required when reporting an attached file.	Present	Critical	AttachedFile	AttachmentFileName
991	Attachment File Name Data Type	The suffix must be ".zip."	Format	Critical	AttachedFile	AttachmentFileName
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	EmissionFactor DenominatorUnitof MeasureCode
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	EmissionFactor DenominatorUnitof MeasureCode
482	Emission Factor Numerator Unit of Measure Code Valid	Must match value in code list.	Code	Critical	Emissions	EmissionFactor NumeratorUnitofMeasure Code
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	EmissionFactorNumerator UnitofMeasureCode
484	Emission Factor Text Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	Emissions	EmissionFactorText
485	Emissions Calculation Method Code Valid	Must match value in code list.	Code	Critical	Emissions	EmissionsCalculation MethodCode
486	Emissions Calculation Method Code Present	Emissions 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	EmissionsCalculation MethodCode
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	EmissionsUnitofMeasure Code

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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	EmissionsUnitofMeasure Code
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
885	Containment Date Data Type	Date in the format of YYYYMMDD.	Format	Critical	Event	ContainmentDate
1050	Containment Date Conditionally Required	Containment date should be reported for wildfires and wildland fire use SCCs.	Conditional	Warning	Event	ContainmentDate
881	Event Classification Code Present	Event classification code is required when reporting an event. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	Event	EventClassificationCode
882	Event Classification Code Valid	Must match value in code list.	Code	Critical	Event	EventClassificationCode

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899	Event Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Event	EventComment
870	Event Identifier Present	The event identifier is required when reporting an event. The component and all dependent data will not be stored if there are missing required data.	Present	Critical	Event	EventIdentifier
872	Event Identifier Data Type	Maximum allowable width of 20 characters.	Format	Critical	Event	EventIdentifier
873	Event Identification Duplicate	If program system code, event identifier, ground based data source code, and remote sensing data source code all match an existing event in the database, it will be replaced.	Duplication	Warning	Event	EventIdentifier
876	Event Name Data Type	Maximum allowable width of 40 characters. Longer submissions may be truncated.	Format	Warning	Event	EventName
1049	Event Name Conditionally Required	Event name should be reported for wildfires and wildland fire use SCCs.	Conditional	Warning	Event	EventName
883	Event Size Source Code Present	Event size source code should be reported.	Present	Warning	Event	EventSizeSourceCode
884	Event Size Source Code Valid	Must match value in code list.	Code	Critical	Event	EventSizeSourceCode
893	Fuel Consumption and Emissions Model Code Valid	Must match value in code list.	Code	Critical	Event	FuelConsumptionAnd EmissionsModelCode
895	Fuel Selection Code Valid	Must match value in code list.	Code	Critical	Event	FuelSelectionCode
894	Fuel Type Model Code Valid	Must match value in code list.	Code	Critical	Event	FuelTypeModelCode
873	Event Identification Duplicate	If program system code, event identifier, ground based data source code, and remote sensing data source code all match an existing event in the database, it will be replaced.	Duplication	Warning	Event	GroundBasedDataSource Code
889	Ground Based Data Source Code Present	Ground based data source code is required when reporting an event. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	Event	GroundBasedDataSource Code
890	Ground Based Data Source Code Valid	Must match value in code list.	Code	Critical	Event	GroundBasedDataSource Code
897	Ignition Location Code Valid	Must match value in code list.	Code	Critical	Event	IgnitionLocationCode
896	Ignition Method Code Valid	Must match value in code list.	Code	Critical	Event	IgnitionMethodCode
898	Ignition Orientation Code Valid	Must match value in code list.	Code	Critical	Event	IgnitionOrientationCode
877	Land Manager Present	Land manager should be reported.	Present	Warning	Event	LandManager

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879	Land Manager Data Type	Maximum allowable width of 40 characters. Longer submissions may be truncated.	Format	Warning	Event	LandManager
880	Location Description Data Type	Maximum allowable width of 100 characters. Longer submissions may be truncated.	Format	Warning	Event	LocationDescription
873	Event Identification Duplicate	If program system code, event identifier, ground based data source code, and remote sensing data source code all match an existing event in the database, it will be replaced.	Duplication	Warning	Event	ProgramSystemCode
874	Program System Code Valid for Event	Must match value in list of registered codes.	Code	Critical	Event	ProgramSystemCode
875	Program System Code Present for Event	A program system code is required when reporting an event. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	Event	ProgramSystemCode
886	Recurrence Indicator Code	Must match value in code list.	Code	Critical	Event	RecurrenceIndicatorCode
887	Recurrence Year Data Type	This element must be reported as an integer.	Format	Critical	Event	RecurrenceYear
888	Recurrence Year Range	Must be no later than current year -1.	Range	Warning	Event	RecurrenceYear
1213	Recurrence Year Critical Range	Recurrence Year Critical Range to be determined	Range	Critical	Event	RecurrenceYear
873	Event Identification Duplicate	If program system code, event identifier, ground based data source code, and remote sensing data source code all match an existing event in the database, it will be replaced.	Duplication	Warning	Event	RemoteSensingData SourceCode
891	Remote Sensing Data Source Code Present	Remote sensing data source code required when reporting an event. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	Event	RemoteSensingData SourceCode
892	Remote Sensing Data Source Code Valid	Must match value in code list.	Code	Critical	Event	RemoteSensingData SourceCode
958	Amount of Feul Consumed Data Type	This element must be reported as a float.	Format	Critical	EventEmissions Process	AmountofFuelConsumed
1053	Amount of Fuel Consumed Range	Amount of fuel consumed must be greater than zero.	Range	Critical	EventEmissions Process	AmountofFuelConsumed
959	Amount of Feul Consumed Unit of Measure Code Conditionally Required	If amount of fuel is reported then amount of fuel consumed unit of measure code is required.	Conditional	Critical	EventEmissions Process	AmountofFuelConsumed UnitOfMeasureCode
960	Amount of Feul Consumed Unit of Measure Code Valid	Must match value in code list.	Code	Critical	EventEmissions Process	AmountofFuelConsumed UnitOfMeasureCode

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969	Emission Reduction Technique Code Valid	Must match value in code list.	Code	Critical	EventEmissions Process	EmissionReduction TechniqueCode
970	Event Emissions Process Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	EventEmissions Process	EventEmissionsProcess Comment
954	Fuel Configuration Code Valid	Must match value in code list.	Code	Critical	EventEmissions Process	FuelConfigurationCode
955	Fuel Loading Data Type	This element must be reported as a float.	Format	Critical	EventEmissions Process	FuelLoading
992	Fuel Loading Range	Must be greater than zero.	Range	Critical	EventEmissions Process	FuelLoading
956	Fuel Loading Unit of Measure Code Conditionally Required	If fuel loading is reported then fueling loading unit of measure code is required.	Conditional	Critical	EventEmissions Process	FuelLoadingUnitof MeasureCode
957	Fuel Loading Unit of Measure Code Valid	Must match value in code list.	Code	Critical	EventEmissions Process	FuelLoadingUnitof MeasureCode
966	Heat Release Data Type	This element must be reported as a float.	Format	Critical	EventEmissions Process	HeatRelease
998	Heat Release Range	Must be greater than zero.	Range	Critical	EventEmissions Process	HeatRelease
967	Heat Release Unit of Measure Conditionally Required	If heat release is reported then heat release unit of measure code is required.	Conditional	Critical	EventEmissions Process	HeatReleaseUnitOf MeasureCode
968	Heat Release Unit of Measure Code Valid	Must match value in code list.	Code	Critical	EventEmissions Process	HeatReleaseUnitOf MeasureCode
965	Percent Duff Fuel Moisture Data Type	This element must be reported as a decimal.	Format	Critical	EventEmissions Process	PercentDuffFuelMoisture
997	Percent Duff Fuel Moisture Range	Must be a value between zero and 100, inclusive.	Range	Critical	EventEmissions Process	PercentDuffFuelMoisture
963	Percent Live Fuel Moisture Data Type	This element must be reported as a decimal.	Format	Critical	EventEmissions Process	PercentLiveFuelMoisture
996	Percent Live Fuel Moisture Range	Must be a value between zero and 100, inclusive.	Range	Critical	EventEmissions Process	PercentLiveFuelMoisture
962	Percent One Thousand Hour Fuel Moisture Data Type	This element must be reported as a decimal.	Format	Critical	EventEmissions Process	PercentOneThousand HourFuelMoisture
995	Percent One Thousand Hour Fuel Moisture Range	Must be a value between zero and 100, inclusive.	Range	Critical	EventEmissions Process	PercentOneThousand HourFuelMoisture
961	Percent Ten Hour Fuel Moisture Data Type	This element must be reported as a decimal.	Format	Critical	EventEmissions Process	PercentTenHourFuel Moisture
994	Percent Ten Hour Fuel Moisture Range	Must be a value between zero and 100, inclusive.	Range	Critical	EventEmissions Process	PercentTenHourFuel Moisture

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952	Source Classification Code for Event Emissions Process Present	Source classification code is required when reporting an event emissions process. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	EventEmissions Process	SourceClassificationCode
953	Source Classification Code for Event Emissions Process Valid	Must match value in code list.	Code	Critical	EventEmissions Process	SourceClassificationCode
922	Event Location Identification Code Cardinality	The event location must contain one combination of Tribal Code; State and County FIPS Code; or State and Country Code.	Cardinality	Critical	EventLocation	StateAndCountryFIPSCode
926	State and Country Code for Event Location is Valid	Must match value in code list.	Code	Critical	EventLocation	StateAndCountryFIPSCode
922	Event Location Identification Code Cardinality	The event location must contain one combination of Tribal Code; State and County FIPS Code; or State and Country Code.	Cardinality	Critical	EventLocation	StateAndCountryFIPSCode
923	State and County FIPS Code for Event Location is Valid	Must match value in code list.	Code	Critical	EventLocation	StateAndCountryFIPSCode
922	Event Location Identification Code Cardinality	The event location must contain one combination of Tribal Code; State and County FIPS Code; or State and Country Code.	Cardinality	Critical	EventLocation	TribalCode
925	Tribal Code for Event Location is Valid	Must match value in code list.	Code	Critical	EventLocation	TribalCode
917	Begin Hour for Event Reporting Period Data Type	This element must be reported as an integer.	Format	Critical	EventReporting Period	BeginHour
918	Begin Hour for Event Reporting Period Range	Must be 0 to 23 inclusive.	Range	Critical	EventReporting Period	BeginHour
919	End Hour for Event Reporting Period Data Type	This element must be reported as an integer.	Format	Critical	EventReporting Period	EndHour
920	End Hour for Event Reporting Period Range	Must be 0 to 23 inclusive.	Range	Critical	EventReporting Period	EndHour
909	Event Begin Date Data Type	Date in the format of YYYYMMDD.	Format	Critical	EventReporting Period	EventBeginDate
908	Event Begin Date for Event Reporting Period Present	Event begin date is required when reporting an event reporting period component. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	EventReporting Period	EventBeginDate
910	Event End Date for Event Reporting Period Present	Event end date is required when reporting an event reporting period component. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	EventReporting Period	EventEndDate

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911	Event End Date Data Type	Date in the format of YYYYMMDD.	Format	Critical	EventReporting Period	EventEndDate
912	Event Duration	Event duration must be a minimum of two days.	Comparison	Critical	EventReporting Period	EventEndDate
913	Consecutive Events	Reporting periods should be consecutive with no overlap or gaps between any periods.	Comparison	Warning	EventReporting Period	EventEndDate
921	Event Reporting Period Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	EventReporting Period	EventReportingPeriod Comment
915	Event Stage Code Present	Event stage code is required when reporting an event reporting period. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	EventReporting Period	EventStageCode
916	Event Stage Code Valid	Must match value in code list.	Code	Critical	EventReporting Period	EventStageCode
989	Event Stage Code Both Types	The submission must contain either a) a minimum of one flaming reporting period and one smoldering reporting period or b) at least one reporting period with an event stage of "both."	Comparison	Critical	EventReporting Period	EventStageCode
927	Area Within Perimeter Present	Area within perimeter should be reported.	Present	Warning	Geographic Coordinates	AreaWithinPerimeter
928	Area Within Perimeter Data Type	This element must be reported as a float.	Format	Critical	Geographic Coordinates	AreaWithinPerimeter
929	Area Within Perimeter Consistency	If flaming and smoldering stages are reported separately for the same period, value should be the same for both.	Comparison	Warning	Geographic Coordinates	AreaWithinPerimeter
931	Area Within Perimeter Unit of Measure Code Conditionally Should be Reported	If area within perimeter is reported, then area within perimeter unit of measure code must be reported.	Conditional	Critical	Geographic Coordinates	AreaWithinPerimeterUnitof MeasureCode
932	Area Within Perimeter Unit of Measure Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	AreaWithinPerimeterUnitof MeasureCode
62	Coordinate Data Source Code Valid	Must match value in code list.	Code	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
58	Geographic Reference Point Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	GeographicReference PointCode

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63	Geometric Type Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	GeometricTypeCode
54	Horizontal Accuracy Measure Minimum Range	Typically is between 1 to 2000, inclusive.	Range	Information	Geographic Coordinates	HorizontalAccuracy Measure
284	Horizontal Accuracy Measure Data Type	This element must be reported as an integer.	Format	Critical	Geographic Coordinates	HorizontalAccuracy Measure
55	Horizontal Collection Method Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	HorizontalCollection MethodCode
56	Horizontal Reference Datum Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	HorizontalReferenceDatum Code
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
286	Location Comments Text Data Type	Maximum allowable width of 200 characters. Longer submissions may be truncated.	Format	Warning	Geographic Coordinates	LocationComment
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
933	Percent of Area Producing Emissions Data Type	This element must be reported as an integer.	Format	Critical	Geographic Coordinates	PercentofAreaProducing Emissions
935	Percent of Area Producing Emissions Range	Must be between 1 and 100 inclusive.	Range	Critical	Geographic Coordinates	PercentofAreaProducing Emissions
936	Percent of Area Producing Emissions Consistency	If flaming and smoldering stages are reported separately for the same period, value should be the same for both.	Comparison	Warning	Geographic Coordinates	PercentofAreaProducing Emissions
283	Source Map Scale Number Data Type	This element must be reported as an integer.	Format	Critical	Geographic Coordinates	SourceMapScaleNumber
61	Verification Method Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	VerificationMethodCode
59	Vertical Collection Method Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	VerticalCollectionMethod Code

Check Number	Check Name	Description	Check Type	Criticality Level	Component	Data Element
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
60	Vertical Reference Datum Code Valid	Must match value in code list.	Code	Critical	Geographic Coordinates	VerticalReferenceDatum Code
940	Area Within Shape Present	Area within shape is required when reporting geospatial parameters.	Present	Critical	Geospatial Parameters	AreaWithinShape
941	Area Within Shape Data Type	This element must be reported as a float.	Format	Critical	Geospatial Parameters	AreaWithinShape
942	Area Within Shape Consistency	If flaming and smoldering stages are reported separately for the same period, value should be the same for both.	Comparison	Warning	Geospatial Parameters	AreaWithinShape
943	Area Within Shape Unit of Measure Code Present	Area within shape unit of measure code is required when reporting geospatial parameters.	Present	Critical	Geospatial Parameters	AreaWithinShapeUnitof MeasureCode
944	Area Within Shape Unit of Measure Code Valid	Must match value in code list.	Code	Critical	Geospatial Parameters	AreaWithinShapeUnitof MeasureCode
949	Geospatial Parameters Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	Geospatial Parameters	GeospatialParameters Comment
946	Percent of Area Producing Emissions for Geospatial Parameters Data Type	This element must be reported as an integer.	Format	Critical	Geospatial Parameters	PercentofAreaProducing Emissions
947	Percent of Area Producing Emissions for Geospatial Parameters Range	Must be between 1 and 100 inclusive.	Range	Critical	Geospatial Parameters	PercentofAreaProducing Emissions
948	Percent of Area Producing Emissions for Geospatial Parameters Consistency	If flaming and smoldering stages are reported separately for the same period, value should be the same for both.	Comparison	Warning	Geospatial Parameters	PercentofAreaProducing Emissions
937	Shape File Identifier Present	Shape file identifier is required when reporting geospatial parameters. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	Geospatial Parameters	ShapeFileIdentifier
938	Shape File Identifier Data Type	Maximum allowable width of 20 characters.	Format	Critical	Geospatial Parameters	ShapeFileIdentifier
900	Event Identifier Present for Merged Events	An event identifier is required when reporting the merged events component. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	MergedEvents	EventIdentifier

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901	Event Identifier Data Type for Merged Events	Maximum allowable width of 20 characters.	Format	Critical	MergedEvents	EventIdentifier
902	Event Identifier for Merged Events Exists	Must match a record in the EIS system or provided elsewhere in the submission.	Comparison	Critical	MergedEvents	EventIdentifier
905	Date Merged Present	Date merged is required when reporting merged events. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	MergedEvents	MergedDate
906	Date Merged Data Type	Date in the format of YYYYMMDD.	Format	Critical	MergedEvents	MergedDate
907	Merged Events Comment Data Type	Maximum allowable width of 400 characters. Longer submissions may be truncated.	Format	Warning	MergedEvents	MergedEventsComment
903	Program System Code Present for Merged Events	A program system code is required when reporting merged events. The component and all dependent data will not be stored if there is missing required data.	Present	Critical	MergedEvents	ProgramSystemCode
904	Program System Code Valid for Merged Events	Must match value in list of registered codes.	Code	Critical	MergedEvents	ProgramSystemCode