

VERIFY

Log of XML Schema Changes Made for Non-Road Spark Ignition Release 24.0 – 07/28/2017

Purpose

This document identifies XML schema modifications to the Engines and Vehicles Compliance Information System (EV-CIS) Non-Road Spark Ignition family of schemas.

Modified XML Files

EN_VER_NRSI_SparkIgnitionDataElements_v0.95.xsd

EN_VER_NR_SharedDataElements_v0.95.xsd

EN_VER_NRSI_SparkIgnitionDataElements_v0.95.xsd

- The complex data type EngineFamilyDetailsType was changed as follows:
 - Data element EngineInstallationIndicator [1 character (NRSI-EF22.3)] was added with cardinality (0).
 - Data element FieldTestingIndicator [1 character (NRSI-EF59.5)] was added with cardinality (0).
 - Data element RichBurnLeanBurnIdentifier [100 characters (NRSI-EF81.5)] was added with cardinality (0).
- The complex data type TestResultDetailsType was changed as follows:
 - Data element TestEngineModeOneTestCycleRatedSpeedMeasure [1 to 99,999 (NRSI-EF194.5)] was added with data type Integer5DigitPositiveType and cardinality (0).
 - Data element TestCycleBasisMaximumRatedSpeedMeasure [1 to 99,999 (NRSI-EF191)] was added with data type Integer5DigitPositiveType and cardinality (0).
- The complex data type TestInformationDetailsType was changed as follows:
 - Data element FuelLineTestProcedureIdentifier [100 characters (NRSI-EV32.5)] was added with data type NormalizedString100CharType.
 - Data element FuelLineTestProcedureAlternateText [100 characters (NRSI-EV32.6)] was added with data type NormalizedString100CharType.

XML Shared Data Element and Data Type File Modifications

The annotation following the data element name references the corresponding data element identifiers in the data requirements (DR) spreadsheet. Note that some data elements may be used in more locations in the schemas than defined in the DR spreadsheet.

EN_VER_NR_SharedDataElements_v0.95.xsd

The following data element updates were implemented:

- Data element EngineInstallationIndicator [1 character (NRSI-EF22.3)] was added with data type YesNoIndicatorType.

- Data element FieldTestingIndicator [1 character (NRSI-EF59.5)] was added with data type YesNoIndicatorType.
- Data element RichBurnLeanBurnIdentifier [100 characters (NRSI-EF81.5)] was added with data type NormalizedString100CharType.
- Data element ManufacturerExhaustEmissionStandardValue (NRSI-EF124) was modified to data type Decimal6Point2PositiveType [0.01 to 9999.99].
- Data element TestEngineModeOneTestCycleRatedSpeedMeasure [1 to 99,999 (NRSI-EF194.5)] was added with data type Integer5DigitPositiveType.
- Data element FuelLineTestProcedureIdentifier [100 characters (NRSI-EV32.5)] was added with data type NormalizedString100CharType.
- Data element FuelLineTestProcedureAlternateText [100 characters (NRSI-EV32.6)] was added with data type NormalizedString100CharType.