

«union» EmissionSourceGeometry
+ GM_Point :GM_Point + GM_Curve :GM_Curve + GM_Surface :GM_Surface

«dataType» NEN3610ID
+ namespace :CharacterString + localId :CharacterString + versionId :CharacterString [0..1]

«dataType» EmissionSourceCharacteristics
+ heatContent :Real + emissionHeight :Real + buildingHeight :Real [0..1] + spread :Real [0..1] + diurnalVariation :CharacterString [0..1] + heatContentSpecification :HeatContentSpecification [0..1]

«dataType» HeatContentSpecification
+ emissionTemperature :Real + outflowSurface :Real + outflowVelocity :Real

«dataType» AeriusCalculatorMeta data
+ project :ProjectMetadata + situation :SituationMetadata [0..1] + calculation :CalculationMetadata [0..1] + version :VersionMetadata [0..1]

«dataType» VersionMeta data
+ aeriusVersion :CharacterString + databaseVersion :CharacterString

«dataType» SituationMetadata
+ name :CharacterString [0..1] + reference :CharacterString [0..1]

«dataType» CalculationMetadata
+ type :CalculationType + substance :Substance [1..*] + resultType :ResultType [1..*] + maximumRange :Real [0..1] + researchArea :Boolean [0..1]

«dataType» ProjectMeta data	«dataType» Address
+ year :Integer + temporaryPeriod :Integer [0..1] + permitCalculationRadiusType :CharacterString [0..1] + name :CharacterString [0..1] + corporation :CharacterString [0..1] + facilityLocation :Address [0..1] + description :CharacterString [0..1] + submitter :CharacterString [0..1]	+ streetAddress :CharacterString + postalCode :CharacterString + location :CharacterString

«enumeration» Substance
NH3 NOX NO2 PM10 PM25

«enumeration» ResultType
DEPOSITION CONCENTRATION

«enumeration» CalculationType
PERMIT NATURE_AREA RADIUS CUSTOM_POINTS

«enumeration» StandardVehicleType
LIGHT_TRAFFIC NORMAL_FREIGHT HEAVY_FREIGHT AUTO_BUS

«enumeration» RoadSideBarrierType
SCREEN WALL

«enumeration» RoadElevation
NORMAL NORMAL_DYKE STEEP_DYKE VIADUCT TUNNEL

«enumeration» MaritimeShippingMovementType
INLAND MARITIME

«enumeration» WaterwayDirectionType
IRRELEVANT UPSTREAM DOWNSTREAM

«enumeration» InlandRouteDirectionType
ARRIVE DEPART





