EUETS Reporting Language

Specification for optionality of elements

All elements are either "Mandatory" or "Optional" in each message.
An element can also be "Denied" (i.e. not allowed) in a particular message

The codes are as follows:

M = Mandatory
O = Optional
D = Denied (i.e. not allowed)

The reason for defining the optionality of elements in a separate specification document, rather than in the actual schema file itself, is due to the fact, that the power of expression of XML and thus also of the XBRL language is not sufficient to express all of the rules that apply in the EU ETS Reporting Language over multiple dimensions (stationary installations vs. aviation operators, and requests vs. updates).

	SubmissionCode = 1, Permit request (for stationary installation)	SubmissionCode = 1, Permit request (for aviation operator)	SubmissionCode = 2, Permit update (for stationary installation)	SubmissionCode = 2, Permit update (for aviation operator)	SubmissionCode = 3, Permit cancellation	SubmissionCode = 4, Monitoring plan update	SubmissionCode = 4, Monitoring update (for aviation operator)	Notes
EUETSRequest	M	M	M	M	M	M	M	
DocumentProperties	M	M	M	M	M	M	M	
Version	M	M	M	M	M	M	M	Current version is 1.1
Revision	M	M	M	M	M	M	M	Current revision is 001
SubmissionCode	M	M	M	M	M	M	M	
DocumentReference	M	M	M	M	M	M	M	
ParentDocumentReference	D	D	M	M	M	M	M	
OperatorDetails	M	M	M	M	O	M	M	
OperatorID	M	M	M	M	M	M	M	
Organisation = OrganisationContactType	M	M	M	M	O	M	M	
OperatorContact = ContactType	M	M	M	M	O	M	M	
ParentCompany = OrganisationContactType	O	O	O	O	O	O	O	
Owner = ContactType	O	O	O	O	O	O	O	
AviationOperatorDetails	D	M	D	M	O	D	M	
UniqueCommissionListName	D	M	D	M	O	D	M	
UniqueCommissionListIdentification	D	M	D	M	O	D	M	
ICAODesignatorNotification	D	M	D	M	O	D	M	
UniqueICAODesignator	D	M	D	M	O	D	M	
UniqueDesignatorRegistrationMarking	D	M	D	M	D	D	M	
OperatorAdministeringMemberState	D	M	D	M	O	D	M	
AOCAndOperatingLicenceData	D	M	D	M	O	D	M	
AOCOrNot	D	M	D	M	O	D	M	
AirOperatorCertificateNumber	D	M	D	M	O	D	M	
AOCIssuingAuthority	D	M	D	M	O	D	M	
AOCIssuingDate	D	O	D	O	O	D	O	
AOCScopeOfOperations	D	O	D	O	O	D	O	
OLOrNot	D	M	D	M	O	D	M	
OperatingLicenceID	D	M	D	M	O	D	M	
OLIssuingAuthority	D	M	D	M	O	D	M	
OLIssuingDate	D	O	D	O	O	D	O	
OLScopeOfOperations	D	O	D	O	O	D	O	
OperatorOwnershipStructure	D	M	D	M	O	D	M	
ParentCompanyICAODesignator	D	O	D	O	O	D	O	
SubsidiaryCompany	D	O	D	O	O	D	O	
SubsidiaryCompanyName	D	M	D	M	O	D	M	
SubsidiaryCompanyICAODesignator	D	O	D	O	O	D	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	O	O	O	
PermitDetails	M	M	M	M	O	M	M	
ETSPermitNumber	O	O	M	O	O	M	O	
PermitHolderName	M	M	M	M	O	M	M	
CompetentAuthority = OrganisationContactType	O	O	M	O	O	M	O	
CountryCode	M	M	M	M	O	M	M	
ValidityStart	M	M	M	M	O	M	M	
ValidityEnd	O	O	O	O	O	O	O	
PermitType	M	M	M	M	O	M	M	
PermitContact = ContactType	O	O	O	O	O	O	O	
ChangesComment	O	O	O	O	O	O	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	O	O	O	
OperationsDetails	M	D	M	D	D	M	D	
InstallationOperationDetails	M	D	M	D	D	M	D	
InstallationDescription	M	D	M	D	D	M	D	
InstallationAddress	M	D	M	D	D	M	D	
InstallationContact = ContactType	M	D	M	D	D	M	D	
InstallationLocation	O	D	O	D	D	O	D	
InstallationLatitude	M	D	M	D	D	M	D	
InstallationLongitude	M	D	M	D	D	M	D	
InstallationPicture = AttachmentType	M	D	M	D	D	M	D	
InstallationID	O	D	M	D	D	M	D	
Annex1ActivityData	M	D	M	D	D	M	D	
Annex1ActivityDescription	M	D	M	D	D	M	D	
Annex1ActivityClassification	M	D	M	D	D	M	D	
InstallationClassification	M	D	M	D	D	M	D	
SystemCode	M	D	M	D	D	M	D	
Code	M	D	M	D	D	M	D	
InstallationStatus	M	D	M	D	D	M	D	
StartDate	M	D	M	D	D	M	D	
EndDate	O	D	O	D	D	O	D	
Status	O	D	O	D	D	O	D	
StatusDescription	O	D	O	D	D	O	D	
InstallationUnit	M	D	M	D	D	M	D	
InstallationName	M	D	M	D	D	M	D	
InstallationIdentification	M	D	M	D	D	M	D	
InstallationUnitType	M	D	M	D	D	M	D	
CRFCode	M	D	M	D	D	M	D	
TypeOfUsage	M	D	M	D	D	M	D	
InstallationUnitCapacity	O	D	O	D	D	O	D	
InstallationUnitCapacityMetric	O	D	O	D	D	O	D	
InstallationUnitPower	O	D	O	D	D	O	D	
InstallationUnitPowerMetric	O	D	O	D	D	O	D	
EstimatedYearlyHoursInOperation	O	D	O	D	D	O	D	
ETSOrNonETSData	M	D	M	D	D	M	D	
ETSPollutant	M	D	M	D	D	M	D	
ETSOrNonETS	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
SourceStreamData	M	D	M	D	D	M	D	
SourceStreamCode	M	D	M	D	D	M	D	
GlobalCode	M	D	M	D	D	M	D	
NationalCode	O	D	O	D	D	O	D	

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Percentage	M	D	M	D	D	M	D	
SourceStreamName	M	D	M	D	D	M	D	
SourceStreamOrigin	M	D	M	D	D	M	D	
BioMassFraction	M	D	M	D	D	M	D	
TradedStandardCode	M	D	M	D	D	M	D	
WasteCatalogNumberCode	O	D	O	D	D	O	D	
IEACategoryNumberCode	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
CO2TransferPoint	O	D	O	D	D	O	D	If CO2 transfers, then mandatory
CO2TransferPointName	M	D	M	D	D	M	D	
CO2TransferPointInstallationUnitReference	M	D	M	D	D	M	D	
CO2TransferPointIdentification	M	D	M	D	D	M	D	
CO2SendingPoint	M	D	M	D	D	M	D	
CCSItem	O	D	O	D	D	O	D	If CCS activities, then mandatory
CCSItemName	M	D	M	D	D	M	D	
CCSItemIdentification	M	D	M	D	D	M	D	
CCSItemCode	M	D	M	D	D	M	D	
CCSCO2Relation	M	D	M	D	D	M	D	
ExcludedEmissionSource	M	D	M	D	D	M	D	
StartingpointTransportnetwork	M	D	M	D	D	M	D	
EndingpointTransportnetwork	M	D	M	D	D	M	D	
TransportNetworkElement	M	D	M	D	D	M	D	
TransportNetworkPieceOfEquipment	M	D	M	D	D	M	D	
EmissionFactorPerPiece	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
MeasurementInstrument	M	D	M	D	D	M	D	
MeasurementInstrumentName	M	D	M	D	D	M	D	
MeasurementInstrumentIdentification	M	D	M	D	D	M	D	
TypeOfMeasurementInstrument	M	D	M	D	D	M	D	
Location	M	D	M	D	D	M	D	
GasAnalyser	M	D	M	D	D	M	D	
OnlineGasAnalyser	O	D	O	D	D	O	D	If measurement instrument is an online gas analyser, then mandatory
MeetsRequirementsEvidence	M	D	M	D	D	M	D	
CalibrationServicesAccreditation	M	D	M	D	D	M	D	
ValidationIntercomparisonData	M	D	M	D	D	M	D	
Non-accreditedAccreditedLabsDifferences	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	M	D	M	D	D	M	D	
MeasurementPrinciple	M	D	M	D	D	M	D	
MeasurementInstrumentRange	M	D	M	D	D	M	D	
MeasurementInstrumentSamplingFrequency	M	D	M	D	D	M	D	
MeasurementInstrumentCalibration	O	D	O	D	D	O	D	
MeasurementInstrumentOfficialVerification	O	D	O	D	D	O	D	
MeasurementInstrumentUncertainty	M	D	M	D	D	M	D	
UncertaintyAssessment	M	D	M	D	D	M	D	
UncertaintyAssessmentEvidenceSummary	M	D	M	D	D	M	D	
UncertaintyAssessmentEvidenceAttachment = AttachmentType	O	D	O	D	D	O	D	
SamplingAnalysisReference	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
ConnectionPoints	O	D	O	D	D	O	D	If any connection points exist, then mandatory
ConnectionPoint	M	D	M	D	D	M	D	
ConnectionPointInstallationUnitReference	O	D	O	D	D	O	D	
ConnectionPointSourceStreamReference	O	D	O	D	D	O	D	
ConnectionPointMeasurementInstrumentReference	O	D	O	D	D	O	D	
ConnectionPointStackEmissionReference	O	D	O	D	D	O	D	
StackEmissions	O	D	O	D	D	O	D	If stacks exist within the installation, then mandatory
StackEmissionsName	M	D	M	D	D	M	D	
StackEmissionsInstallationUnitReferences	M	D	M	D	D	M	D	
StackEmissionsSourceStreamReference	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
MonitoringPlanDataCO2	M	D	M	D	D	M	D	
InstallationEmittingCategory	M	D	M	D	D	M	D	
CO2TotalEmissionsEstimate	O	D	O	D	D	O	D	
CalculatedCombustion	O	D	O	D	D	O	D	If installation has combustion activities, then mandatory
Schedule1Activity	M	D	M	D	D	M	D	
RelativeSize	M	D	M	D	D	M	D	
SourceStreamReference	M	D	M	D	D	M	D	
SourceStreamEmissionsEstimate	O	D	O	D	D	O	D	
Consumption = FactorsType	M	D	M	D	D	M	D	
OxidationFactor = FactorsType	M	D	M	D	D	M	D	
CaloricHeatingValue = FactorsType	M	D	M	D	D	M	D	
EmissionFactor = FactorsType	M	D	M	D	D	M	D	
Biomass = FactorsType	O	D	O	D	D	O	D	
Formula	O	D	O	D	D	O	D	
Explanation	O	D	O	D	D	O	D	
Example	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
CalculatedCatalyticCracker	O	D	O	D	D	O	D	If catalytic cracker activities, then mandatory
Schedule1Activity	M	D	M	D	D	M	D	
RelativeSize	M	D	M	D	D	M	D	
SourceStreamReference	M	D	M	D	D	M	D	
SourceStreamEmissionsEstimate	O	D	O	D	D	O	D	
RequiredTier	M	D	M	D	D	M	D	

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AppliedTier	M	D	M	D	D	M	D	
ExplanationForNon-Compliance	O	D	O	D	D	O	D	
DerivationMethod	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
CalculatedProcess	O	D	O	D	D	O	D	If installation has process activities, then mandatory
Schedule1Activity	M	D	M	D	D	M	D	
RelativeSize	M	D	M	D	D	M	D	
SourceStreamReference	M	D	M	D	D	M	D	
SourceStreamEmissionsEstimate	O	D	O	D	D	O	D	
Consumption = FactorsType	M	D	M	D	D	M	D	
ConversionFactor = FactorsType	M	D	M	D	D	M	D	
EmissionFactor = FactorsType	M	D	M	D	D	M	D	
Composition = FactorsType	M	D	M	D	D	M	D	
CaloricHeatingValueProxy = FactorsType	O	D	O	D	D	O	D	
Biomass = FactorsType	O	D	O	D	D	O	D	
Formula	O	D	O	D	D	O	D	
Explanation	O	D	O	D	D	O	D	
Example	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
MassBalance	O	D	O	D	D	O	D	If installation has mass balance activities, then mandatory
Schedule1Activity	M	D	M	D	D	M	D	
RelativeSize	M	D	M	D	D	M	D	
SourceStreamReference	M	D	M	D	D	M	D	
SourceStreamEmissionsEstimate	O	D	O	D	D	O	D	
Consumption = FactorsType	M	D	M	D	D	M	D	
CaloricHeatingValue = FactorsType	M	D	M	D	D	M	D	
CarbonContent = FactorsType	M	D	M	D	D	M	D	
TypeOfMassBalanceElement	M	D	M	D	D	M	D	
BiomassInProcessOrCombustion	M	D	M	D	D	M	D	
Formula	O	D	O	D	D	O	D	
Explanation	O	D	O	D	D	O	D	
Example	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
CO2CEMS	O	D	O	D	D	O	D	If CEMS is used, then mandatory
CO2CEMSName	M	D	M	D	D	M	D	
StackEmissionReference	M	D	M	D	D	M	D	
Method	M	D	M	D	D	M	D	
FlowGasDeterminationMethod	M	D	M	D	D	M	D	
CO2PointsOfMeasurement	M	D	M	D	D	M	D	
Frequency	M	D	M	D	D	M	D	
DataCollectionStorageProcedures	M	D	M	D	D	M	D	
RequiredTier	M	D	M	D	D	M	D	
AppliedTier	M	D	M	D	D	M	D	
SamplingRates	M	D	M	D	D	M	D	
MissingData	M	D	M	D	D	M	D	
MissingDataMethod	M	D	M	D	D	M	D	
CorroboratingCalculationOfMeasurement	M	D	M	D	D	M	D	
MeasurementInstrumentReference	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
FallBackMethod	O	D	O	D	D	O	D	If fallback is applied, then mandatory
FallbackMethodSourceStreamReference	M	D	M	D	D	M	D	
Non-complianceReason	M	D	M	D	D	M	D	
FallbackMethod	M	D	M	D	D	M	D	
OverallUncertaintyAnalysis	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
TransferredCO2	O	D	O	D	D	O	D	If CO2 transfers, then mandatory
TransferredCO2Name	M	D	M	D	D	M	D	
MeasurementInstrumentReference	M	D	M	D	D	M	D	
Origin	O	D	O	D	D	O	D	
Destination	M	D	M	D	D	M	D	
Inherent	M	D	M	D	D	M	D	
PurposeOfTransfer	M	D	M	D	D	M	D	
CalculationMethod	M	D	M	D	D	M	D	
Uncertainty	M	D	M	D	D	M	D	
BiomassAttributionmethods	M	D	M	D	D	M	D	
NonETSPartAttributionmethods	M	D	M	D	D	M	D	
EUETSSystem	M	D	M	D	D	M	D	
DestinationCountry	M	D	M	D	D	M	D	
DestinationInstallationID	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
MonitoringPlanDataNOx	O	D	O	D	D	O	D	If NOx activities, then mandatory
XXX	O	D	O	D	D	O	D	
MonitoringPlanDataN2O	O	D	O	D	D	O	D	If N2O activities, then mandatory
TotalEmissionsEstimate	O	D	O	D	D	O	D	
ProcessDiagramRelevantEmissionsPoints = AttachmentType	M	D	M	D	D	M	D	
N2OEmissionMonitoringData	M	D	M	D	D	M	D	
N2OStackEmissionsSourceReference	M	D	M	D	D	M	D	
N2OActivity	M	D	M	D	D	M	D	
AbatementUsed	M	D	M	D	D	M	D	
DeterminationMethod	M	D	M	D	D	M	D	
DeterminationMethodAnnualN2OEmissions	M	D	M	D	D	M	D	
DeterminationMethodQuantityOfMaterials	M	D	M	D	D	M	D	
MaximumQuantityOfMaterialsUsed	M	D	M	D	D	M	D	
DeterminationMethodQuantityOfProduct	M	D	M	D	D	M	D	
OperationalManagementVariableLoads	M	D	M	D	D	M	D	

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OperationalManagement	M	D	M	D	D	M	D	
DeMimimisData	M	D	M	D	D	M	D	
SourceStreamReference	M	D	M	D	D	M	D	
DeMinimisConfirmation	M	D	M	D	D	M	D	
DeMinimusEstimationMethod	M	D	M	D	D	M	D	
N2OConcentrationMonitoringMethodData = N2OCEMSType	M	D	M	D	D	M	D	
N2OFlueGasFlowMonitoringMethodData	M	D	M	D	D	M	D	
NitricAcidBalanceData	M	D	M	D	D	M	D	
DeterminationMethodTotalInputAirFlowData	M	D	M	D	D	M	D	
DeterminationMethodPrimaryInputAirFlow	M	D	M	D	D	M	D	
DeterminationMethodSecondaryInputAirFlow	M	D	M	D	D	M	D	
DeterminationMethodSealInputAirFlow	M	D	M	D	D	M	D	
DeterminationMethodVolumeFractionO2InFlueGas	M	D	M	D	D	M	D	
EvidenceOfMeasurementMethodHomogeneity	M	D	M	D	D	M	D	
N2OMassBalanceData	M	D	M	D	D	M	D	
N2OMassBalanceCalculationMethod	M	D	M	D	D	M	D	
MaximumPotentialEmissionRate	M	D	M	D	D	M	D	
RequiredTier	M	D	M	D	D	M	D	
AppliedTier	M	D	M	D	D	M	D	
ExplanationForNon-Compliance	M	D	M	D	D	M	D	
ContinuousFlowMeasurementData = N2OCEMSType	M	D	M	D	D	M	D	
ConfirmationOfCO2EquivalentDeterminationMethod	M	D	M	D	D	M	D	
DeviatingConditionsData	M	D	M	D	D	M	D	
DeviatingConditionsSpecification	M	D	M	D	D	M	D	
DeviatingConditionsFrequency	M	D	M	D	D	M	D	
DeviatingConditionsDuration	M	D	M	D	D	M	D	
DeviatingConditionsN2OEmissionEstimate	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
MonitoringPlanDataCCS	O	D	O	D	D	O	D	If CCS activities, then mandatory
CCSReference	M	D	M	D	D	M	D	
CCSactivity	M	D	M	D	D	M	D	
CCSCaptureCalculation	M	D	M	D	D	M	D	
DeterminationmethodCCSActivity	M	D	M	D	D	M	D	
InstallationCapturePurpose	M	D	M	D	D	M	D	
TransferToCaptureInstallation = CCSCEMSType	M	D	M	D	D	M	D	
TransferToStorageSite = CCSCEMSType	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
CCSTransportCalculation	M	D	M	D	D	M	D	
TransportnetworkDeterminationMethod	M	D	M	D	D	M	D	
JustificationChosenMethodology	M	D	M	D	D	M	D	
CCSTransportMonitoringMethodA	M	D	M	D	D	M	D	
CCSTransportMonitoringIntoTransportNetwork = CCSCEMSType	M	D	M	D	D	M	D	
CCSTransportMonitoringOutOfTransportNetwork = CCSCEMSType	M	D	M	D	D	M	D	
CCSTransportMonitoringMethodB	M	D	M	D	D	M	D	
TransportnetworkDeterminationCombustionEmissionsMethodB	M	D	M	D	D	M	D	
TransportnetworkDeterminationFugitiveEmissionsMethodB	M	D	M	D	D	M	D	
TransportnetworkDeterminationEmissionLeakageseventsMethodB	M	D	M	D	D	M	D	
TransportnetworkPotentialVentedEmissionMethodB	M	D	M	D	D	M	D	
TransportnetworkDeterminationMethodVentedEmissionsMethodB	M	D	M	D	D	M	D	
TransportnetworkOverallUncertainty	M	D	M	D	D	M	D	
EvidenceNetworkIntegrity	M	D	M	D	D	M	D	
BiomassAttributionMethods	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
CCSGeoStorageCalculation	M	D	M	D	D	M	D	
CCSGeoStorageVentedEmissionsFromInjection = CCSCEMSType	M	D	M	D	D	M	D	
CCSGeoStorageFugitiveEmissionsFromInjection = CCSCEMSType	M	D	M	D	D	M	D	
CCSGeoStorageVentedEmissionsFromEnhancedOilRecovery = CCSCEMSType	M	D	M	D	D	M	D	
CCSGeoStorageFugitiveEmissionsFromEnhancedOilRecovery = CCSCEMSType	M	D	M	D	D	M	D	
CCSGeoStorageLeakages	M	D	M	D	D	M	D	
GSLeakagesDeterminationMethod	M	D	M	D	D	M	D	
GSLeakagesTotalUncertainty	M	D	M	D	D	M	D	
GSLeakagesAdjustment	M	D	M	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
AdditionalInformation = AdditionalInformationType	O	D	O	D	D	O	D	
AviationOperationDetails	D	M	D	M	D	D	M	
AviationDescriptionData	D	M	D	M	D	D	M	
AircraftOperatorID	D	M	D	M	D	D	M	
Annex1Data	D	M	D	M	D	D	M	
Annex1OperatorStatus	D	M	D	M	D	D	M	
Annex1AirOperatorCertificate = AttachmentType	D	M	D	M	D	D	M	
SchedulingOfFlights	D	M	D	M	D	D	M	
ScopeOfOperations	D	M	D	M	D	D	M	
AircraftOperatorFurtherActivityDescription	D	M	D	M	D	D	M	
EmissionSourcesData	D	M	D	M	D	D	M	
AircraftTypesData = AircraftTypesDataType	D	M	D	M	D	D	M	
AdditionalInformation = AdditionalInformationType	D	O	D	O	D	D	O	
TonneKilometreMonitoringPlanData	D	M	D	M	D	D	M	
TonneKilometreDistanceMonitoringData	D	M	D	M	D	D	M	
AerodromeLocationDataAIPConfirmation	D	M	D	M	D	D	M	
GreatCircleDistancesCalculationMethodology	D	M	D	M	D	D	M	
GreatCircleDistancesDataSources	D	M	D	M	D	D	M	
MonitoringMethodologyAerodromeLocationInformationDetermination = AviationMonitoringType	D	M	D	M	D	D	M	
MonitoringMethodologyGreatCircleDistancesDetermination = AviationMonitoringType	D	M	D	M	D	D	M	
TonneKilometrePayloadMonitoringData	D	M	D	M	D	D	M	
PassengerAndBagageData	D	M	D	M	D	D	M	
PassengerAndBagageMassTier	D	M	D	M	D	D	M	

	SubmissionCode = 1, Permit request (for stationary installation)	SubmissionCode = 1, Permit request (for aviation operator)	SubmissionCode = 2, Permit update (for stationary installation)	SubmissionCode = 2, Permit update (for aviation operator)	SubmissionCode = 3, Permit cancellation	SubmissionCode = 4, Monitoring plan update	SubmissionCode = 4, Monitoring update (for aviation operator)	Notes
PassengerAndBagageMassSourceData	D	M	D	M	D	D	M	
MonitoringMethodologyNumberOfPassengers = AviationMonitoringType	D	M	D	M	D	D	M	
FreightAndMailData	D	M	D	M	D	D	M	
MassAndBalanceRequirement	D	M	D	M	D	D	M	
MassDeterminationAlternativeMethodology	D	M	D	M	D	D	M	
MeasurementDevicesUsed	D	M	D	M	D	D	M	
TareWeightExclusionConformation	D	M	D	M	D	D	M	
MonitoringMethodologyMassOfFreightAndMail = AviationMonitoringType	D	M	D	M	D	D	M	
AdditionalInformation = AdditionalInformationType	D	O	D	O	D	D	O	
AnnualEmissionsMonitoringPlanData	D	M	D	M	D	D	M	
AviationTotalEmissionsEstimate	D	M	D	M	D	D	M	
SmallNumberOfFlightsNotificationFirstPeriod	D	M	D	M	D	D	M	
SmallNumberOfFlightsNotificationSecondPeriod	D	M	D	M	D	D	M	
SmallNumberOfFlightsNotificationThirdPeriod	D	M	D	M	D	D	M	
SmallEmitterNotification	D	M	D	M	D	D	M	
ActualUseOfSimplifiedProcedures	D	M	D	M	D	D	M	
SimplifiedEligibilityDescription	D	M	D	M	D	D	M	
EmissionSourcesMonitoringData	D	M	D	M	D	D	M	
MonitoringMethodologyAdditionalAircraftTypes = AviationMonitoringType	D	M	D	M	D	D	M	
MonitoringMethodologyEmissionSourcesCompleteness = AviationMonitoringType	D	M	D	M	D	D	M	
MonitoringMethodologyListOfFlightsCompleteness = AviationMonitoringType	D	M	D	M	D	D	M	
MonitoringMethodologyAnnex1Flights = AviationMonitoringType	D	M	D	M	D	D	M	
ActivityData	D	M	D	M	D	D	M	
FuelConsumptionMeasurementData	D	M	D	M	D	D	M	
AircraftTypeIdentification	D	M	D	M	D	D	M	
MeasurementMethod	D	M	D	M	D	D	M	
DataSource	D	M	D	M	D	D	M	
DataMethod	D	M	D	M	D	D	M	
JustificationNoStandardMethodology	D	M	D	M	D	D	M	
MonitoringMethodologyFuelConsumption = AviationMonitoringType	D	M	D	M	D	D	M	
FuelDensityDeterminationMethod	D	M	D	M	D	D	M	
AircraftTypeIdentification	D	M	D	M	D	D	M	
ActualDensityValuesDeterminationMethod	D	M	D	M	D	D	M	
StandardValueJustification	D	M	D	M	D	D	M	
TemperatureDensityCorrelationTableSource	D	M	D	M	D	D	M	
MonitoringMethodologyFuelDensity = AviationMonitoringType	D	M	D	M	D	D	M	
MonitoringDeviationData	D	M	D	M	D	D	M	
UniqueICAODesignatorReference	D	M	D	M	D	D	M	
TypeOfDeviation	D	M	D	M	D	D	M	
DeviationJustification	D	M	D	M	D	D	M	
UncertaintyAssessmentData	D	M	D	M	D	D	M	
FuelUpliftOrRemainingInTankUncertainty	D	M	D	M	D	D	M	
AircraftTypeIdentification	D	M	D	M	D	D	M	
MeasurementUncertainty	D	M	D	M	D	D	M	
FuelUpliftDeterminationByInvoice	D	M	D	M	D	D	M	
OnBoardMeasurementDevicesCalibrationCertification	D	M	D	M	D	D	M	
MeasurementEquipmentUncertainty	D	O	D	O	D	D	O	
RoutineCheckEvidenceLocation	D	O	D	O	D	D	O	
MeasurementDevice	D	O	D	O	D	D	O	
MeasurementDeviceType	D	M	D	M	D	D	M	
MeasurementDeviceDescription	D	M	D	M	D	D	M	
MeasurementDeviceCalibrationCertificateOrNot	D	M	D	M	D	D	M	
FuelConsumptionMeasurementUncertainty	D	M	D	M	D	D	M	
SourceOfUncertainty	D	M	D	M	D	D	M	
LevelOfUncertainty	D	M	D	M	D	D	M	
CommentsOnLevelOfUncertainty	D	M	D	M	D	D	M	
SourceStreamUncertainty	D	M	D	M	D	D	M	
AviationSourceStreamName	D	M	D	M	D	D	M	
FuelTypeDescription	D	O	D	O	D	D	O	
AnnualEmissionsEstimate	D	M	D	M	D	D	M	
SourceStreamClassification	D	M	D	M	D	D	M	
FuelConsumptionUncertainty	D	M	D	M	D	D	M	
TierNumber	D	M	D	M	D	D	M	
MonitoringMethodologyFuelMeasurementTotalUncertainty = AviationMonitoringType	D	M	D	M	D	D	M	
MonitoringMethodologyCrossCheckUpliftQuantity = AviationMonitoringType	D	M	D	M	D	D	M	
EmissionFactorsData	D	M	D	M	D	D	M	
ConfirmationStandardEmissionFactors	D	M	D	M	D	D	M	
MonitoringMethodologyOfAlternativeFuels = AviationMonitoringType	D	M	D	M	D	D	M	
SimplifiedCalculationData	D	M	D	M	D	D	M	
FuelConsumptionEstimationToolName	D	M	D	M	D	D	M	
FuelConsumptionEstimationToolOther	D	O	D	O	D	D	O	
CommissionApprovalConfirmation	D	M	D	M	D	D	M	
ConfirmationStandardEmissionFactors	D	M	D	M	D	D	M	
DataGaps	D	M	D	M	D	D	M	
FuelConsumptionEstimationToolName	D	M	D	M	D	D	M	
FuelConsumptionEstimationToolOther	D	O	D	O	D	D	O	
CommissionApprovalConfirmation	D	M	D	M	D	D	M	
MethodologyDescription	D	M	D	M	D	D	M	
AdditionalInformation = AdditionalInformationType	D	O	D	O	D	D	O	
AdditionalInformation = AdditionalInformationType	D	O	D	O	D	D	O	
QualityManagement	M	M	M	M	D	M	M	
Procedures	M	M	M	M	D	M	M	
ManagementSystems	M	M	M	M	D	M	M	
QMSStandardCompliance	M	M	M	M	D	M	M	
QMSDescription	M	M	M	M	D	M	M	
QMSPartForEUETS	M	M	M	M	D	M	M	
InternalDataProcedures	M	M	M	M	D	M	M	
GetMeasurementData	O	M	O	M	D	O	M	

	SubmissionCode = 1, Permit request (for stationary installation)	SubmissionCode = 1, Permit request (for aviation operator)	SubmissionCode = 2, Permit update (for stationary installation)	SubmissionCode = 2, Permit update (for aviation operator)	SubmissionCode = 3, Permit cancellation	SubmissionCode = 4, Monitoring plan update	SubmissionCode = 4, Monitoring update (for aviation operator)	Notes
ProcessToDetermineEmission	M	M	M	M	D	M	M	
ProcessToReportEmission	M	M	M	M	D	M	M	
InternalReviewOfReportedDataOverviewSummary	M	O	M	O	D	M	O	
InternalReviewOfReportedDataOverviewReference	M	O	M	O	D	M	O	
InternalInformationSystemsResources	M	O	M	O	D	M	O	
DeviationsFromRequirementsOfGeneralStandards	M	O	M	O	D	M	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	D	O	O	
QualityAssurance	O	O	O	O	D	O	O	
QAAndControlOverviewSummary	M	O	M	O	D	M	O	
QAAndControlOverviewReference	M	O	M	O	D	M	O	
SamplingAnalysis	O	O	O	O	D	O	O	
SamplingProcedure	M	O	M	O	D	M	O	
SamplingStandard	M	O	M	O	D	M	O	
SamplingFrequency	M	O	M	O	D	M	O	
ExplanationForSamplingAndAnalysisNon-Compliance	O	O	O	O	D	O	O	
RepresentativeSamplingAndAnalysisEvidence = AttachmentType	M	O	M	O	D	M	O	
AnalysisProcedure	M	O	M	O	D	M	O	
AnalysisStandard	M	O	M	O	D	M	O	
AnalysisFrequency	M	O	M	O	D	M	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	D	O	O	
LaboratoryData	O	O	O	O	D	O	O	
LaboratoryName	M	O	M	O	D	M	O	
LaboratoryAccreditation	M	O	M	O	D	M	O	
LaboratoryAdditionalQualityInformation	O	O	O	O	D	O	O	
AnalyticalProcedures	O	O	O	O	D	O	O	
ValidationIntercomparisonData	O	O	O	O	D	O	O	
Non-accreditedAccreditedLabsDifferences	O	O	O	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	D	O	O	
QualityControl	M	O	M	O	D	M	O	
QAAndControlAnnualPlanSummary	M	O	M	O	D	M	O	
QAAndControlAnnualPlanReference	M	O	M	O	D	M	O	
DocumentManagementProcedureSummary	M	O	M	O	D	M	O	
DocumentManagementProcedureReference	M	O	M	O	D	M	O	
ProcedureToRegisterRecordsSummary	M	O	M	O	D	M	O	
ProcedureToRegisterRecordsReference	M	O	M	O	D	M	O	
ProcedureForOutsourcedActivitiesSummary	M	O	M	O	D	M	O	
ProcedureForOutsourcedActivitiesReference	M	O	M	O	D	M	O	
QCSystemRiskAssessmentOverviewSummary	M	O	M	O	D	M	O	
QCSystemRiskAssessmentOverviewReference	M	O	M	O	D	M	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	D	O	O	
Responsibilities	M	M	M	M	D	M	M	
MainResponsibilitiesRolesOverviewSummary	M	M	M	M	D	M	M	
MainResponsibilitiesRolesOverviewDescription	M	M	M	M	D	M	M	
Organigram = AttachmentType	M	O	M	O	D	M	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	O	O	O	O	O	O	

Recurring complex types

AdditionalInformation								
AdditionalInformationDescription	M	M	M	M	M	M	M	
AdditionalInformationDetails	M	M	M	M	M	M	M	
OrganisationContactType								
OrganisationName	M	M	M	M	M	M	M	
StreetAddress1	M	M	M	M	M	M	M	
StreetAddress2	O	O	O	O	O	O	O	
PostOfficeBox	O	O	O	O	O	O	O	
PostCode	M	M	M	M	M	M	M	
City	M	M	M	M	M	M	M	
Region	O	O	O	O	O	O	O	
Country	M	M	M	M	M	M	M	
Email	O	O	O	O	O	O	O	
PhoneNumber1	M	M	M	M	M	M	M	
PhoneNumber2	O	O	O	O	O	O	O	
FaxNumber	O	O	O	O	O	O	O	
WebAddress	O	O	O	O	O	O	O	
ContactType								
FirstName	M	M	M	M	M	M	M	
LastName	M	M	M	M	M	M	M	
Title	O	O	O	O	O	O	O	
JobTitle	M	M	M	M	M	M	M	
Role	O	O	O	O	O	O	O	
StreetAddress1	M	M	M	M	M	M	M	
StreetAddress2	O	O	O	O	O	O	O	
PostOfficeBox	O	O	O	O	O	O	O	
PostCode	M	M	M	M	M	M	M	
City	M	M	M	M	M	M	M	
Region	O	O	O	O	O	O	O	
Country	M	M	M	M	M	M	M	
Email	M	M	M	M	M	M	M	
PhoneNumber1	M	M	M	M	M	M	M	
PhoneNumber2	O	O	O	O	O	O	O	
FaxNumber	O	O	O	O	O	O	O	
AttachmentType								

	SubmissionCode = 1, Permit request (for stationary installation)	SubmissionCode = 1, Permit request (for aviation operator)	SubmissionCode = 2, Permit update (for stationary installation)	SubmissionCode = 2, Permit update (for aviation operator)	SubmissionCode = 3, Permit cancellation	SubmissionCode = 4, Monitoring plan update	SubmissionCode = 4, Monitoring update (for aviation operator)	Notes
AttachmentName	M	M	M	M	M	M	M	
AttachmentType	M	M	M	M	M	M	M	
AttachmentVersion	O	O	O	O	O	O	O	
AttachmentSubmissionStatus	O	O	O	O	O	O	O	
AttachmentDescription	O	O	O	O	O	O	O	
FactorsType								
StandardFactor	M	M	M	M	M	M	M	
RequiredTier	M	M	M	M	M	M	M	
AppliedTier	M	M	M	M	M	M	M	
ExplanationForNon-Compliance	O	O	O	O	O	O	O	
MeasurementInstrumentReference	O	O	O	O	O	O	O	
DerivationMethod	O	O	O	O	O	O	O	
N2OCEMSType								
N2OCEMSName	M	M	M	M	M	M	M	
MeasurementInstrumentReference	M	M	M	M	M	M	M	
MeasuringTechnique	M	M	M	M	M	M	M	
N2OPointsOfMeasurement	M	M	M	M	M	M	M	
Range	M	M	M	M	M	M	M	
DeterminationMethodOutOfRange	M	M	M	M	M	M	M	
Frequency	M	M	M	M	M	M	M	
RequiredTier	M	M	M	M	M	M	M	
AppliedTier	M	M	M	M	M	M	M	
ExplanationForNon-Compliance	M	M	M	M	M	M	M	
N2OUncertaintyAssessment	M	M	M	M	M	M	M	
SamplingRates	M	M	M	M	M	M	M	
MissingData	M	M	M	M	M	M	M	
MissingDataMethod	M	M	M	M	M	M	M	
CorroboratingCalculationOfMeasurement	M	M	M	M	M	M	M	
MissingDataValue	M	M	M	M	M	M	M	
CCSCEMSType								
CCSCEMSName	M	M	M	M	M	M	M	
CCSItemReference	M	M	M	M	M	M	M	
CCSCEMSMethod	M	M	M	M	M	M	M	
DeterminationMethodConcentration	M	M	M	M	M	M	M	
CCSCEMSFlowGasDeterminationMethod	M	M	M	M	M	M	M	
PointsOfMeasurement	M	M	M	M	M	M	M	
Frequency	M	M	M	M	M	M	M	
DataCollectionStorageProcedures	M	M	M	M	M	M	M	
RequiredTier	M	M	M	M	M	M	M	
AppliedTier	M	M	M	M	M	M	M	
CCSCEMSTotalUncertainty	M	M	M	M	M	M	M	
ExplanationForNon-Compliance	M	M	M	M	M	M	M	
SamplingRates	M	M	M	M	M	M	M	
MissingData	M	M	M	M	M	M	M	
MissingDataMethod	M	M	M	M	M	M	M	
CCSCEMSCorroboratingCalculationOfMeasurement	M	M	M	M	M	M	M	
BiomassAttributionmethods	M	M	M	M	M	M	M	
NonETSPartAttributionMethods	M	M	M	M	M	M	M	
CCSEvidenceForNonCompliance	O	O	O	O	O	O	O	
CCSAlternativeDeterminationMethod	O	O	O	O	O	O	O	
AircraftTypesDataType								
AircraftTypeIdentification	M	M	M	M	M	M	M	
GenericAircraftType	M	M	M	M	M	M	M	
AircraftTypeOperated	M	M	M	M	M	M	M	
JetKerosineUsed	M	M	M	M	M	M	M	
JetGasolineUsed	M	M	M	M	M	M	M	
AviationGasolineUsed	M	M	M	M	M	M	M	
BioFuelUsed	M	M	M	M	M	M	M	
OtherAlternativeFuelUsed	M	M	M	M	M	M	M	
NumberOfAircraft	M	M	M	M	M	M	M	
AviationMonitoringType								
ProcedureName	M	M	M	M	M	M	M	
ProcedureIdentification	M	M	M	M	M	M	M	
ProcedureDescription	M	M	M	M	M	M	M	
DataMaintenanceResponsible	M	M	M	M	M	M	M	
RecordsLocation	M	M	M	M	M	M	M	
RecordsKeepingSystem	O	O	O	O	O	O	O	

	SubmissionCode = 5, Emissions report submission (for stationary installation)	SubmissionCode = 5, Emissions report submission (for aviation operator)	SubmissionCode = 6, Emissions report verification	SubmissionCode = 7, Emissions report update	Notes
EUETSReport	M	M	M	M	
DocumentProperties	M	M	M	M	
Version	M	M	M	M	Current version is 1.1
Revision	M	M	M	M	Current revision is 001
SubmissionCode	M	M	M	M	
DocumentReference	M	M	M	M	
ParentDocumentReference	M	M	M	M	
ReportDetails	M	M	M	M	
ReportingYear	M	M	M	M	
TotalEmissionsDetails	M	M	M	M	
Pollutant	M	M	M	M	
TotalEmissions	M	M	M	M	
EmissionMetric	M	M	M	M	
ReportContact = ContactType	M	M	M	M	
VerificationStatus	D	D	M	D	
AdditionalInformation = AdditionalInformationType	O	O	O	O	
InstallationEmissionsReportDetails	M	D	O	O	
EmissionsReportCO2Details	O	D	O	O	If CO2 emissions, then mandatory
SourceStreamReference	O	D	O	O	
InstallationUnitReference	O	D	O	O	
SourceStreamStackReference	O	D	O	O	
Combustion	O	D	O	O	
Consumption = ValuesType	M	D	O	O	
OxidationFactor = ValuesType	M	D	O	O	
CaloricHeatingValue = ValuesType	M	D	O	O	
EmissionFactor = ValuesType	M	D	O	O	
Biomass = ValuesType	O	D	O	O	
VerifierComments	D	D	O	O	
Process	O	D	O	O	
Consumption = ValuesType	M	D	O	O	
ConversionFactor = ValuesType	M	D	O	O	
EmissionFactor = ValuesType	M	D	O	O	
Composition = ValuesType	M	D	O	O	
CaloricHeatingValueProxy = ValuesType	O	D	O	O	
Biomass = ValuesType	O	D	O	O	
VerifierComments	D	D	O	O	
MassBalance	O	D	O	O	
Consumption = ValuesType	M	D	O	O	
CaloricHeatingValue = ValuesType	M	D	O	O	
CarbonContent = ValuesType	M	D	O	O	
MassBalanceElementReference	M	D	O	O	
VerifierComments	D	D	O	O	
CO2CEMS	O	D	O	O	
ConcentrationOfFlueGas	M	D	O	O	
VolumeFlowRate	M	D	O	O	
BiogenousCO2	M	D	O	O	
ExplanationOfDeviationsBetweenMeasurementAndCalculation	O	D	O	O	
VerifierComments	D	D	O	O	
Emissions	M	D	O	O	
EmissionMetric	M	D	O	O	
ParentDocumentReference	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	D	O	O	
VerifierComments	D	D	O	O	
EmissionsReportTransferredCO2Details	O	D	O	O	If transferred CO2, then mandatory
TransferredCO2TotalEmissions	M	D	O	O	
ReceivedCO2TotalEmissions	M	D	O	O	
TransferredCO2IdenticalToOther	M	D	O	O	
InstallationIdentificationCodeReference	M	D	O	O	
TransferredCO2IdenticalToOther	M	D	O	O	
TransferredCO2Deviation	M	D	O	O	
TransferredCO2ConservativeAdjustment	M	D	O	O	

	SubmissionCode = 5, Emissions report submission (for stationary installation)	SubmissionCode = 5, Emissions report submission (for aviation operator)	SubmissionCode = 6, Emissions report verification	SubmissionCode = 7, Emissions report update	Notes
TransferredCO2BiomassPart	M	D	O	O	
TransferredCO2NonETSPart	M	D	O	O	
TotalCO2EmissionsLeakages	M	D	O	O	
TotalCO2FugitiveEmissions	M	D	O	O	
ParentDocumentReference	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	D	O	O	
VerifierComments	D	D	O	O	
EmissionsReportCCSDetails	O	D	O	O	If CCS activities, then mandatory
TotalCO2EmissionsFromCCSCaptureActivities	M	D	O	O	
TotalCO2EmissionsFromCCSTransferActivities	M	D	O	O	
TotalCO2EmissionsFromCCSGeoStorageActivities	M	D	O	O	
ParentDocumentReference	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	D	O	O	
VerifierComments	D	D	O	O	
EmissionsReportN2ODetails	O	D	O	O	If N2O emissions, then mandatory
TotalPlantOperatingTime	M	D	O	O	
ProductionRate	M	D	O	O	
N2OEmissionData	M	D	O	O	
StackEmissionsSourceReference	M	D	O	O	
AnnualOperatingTime	M	D	O	O	
AnnualProduction	M	D	O	O	
EquipmentMalfunction = EquipmentMalfunctionsOrMissingDataType	M	D	O	O	
MissingData = EquipmentMalfunctionsOrMissingDataType	M	D	O	O	
FlueGasFlowUncertainty	M	D	O	O	
N2OConcentrationUncertainty	M	D	O	O	
OverallAnnualEmissionsUncertainty	O	D	O	O	
AnnualAverageHourlyEmissionUncerainty	M	D	O	O	
TotalN2OEmissions	M	D	O	O	
AnnualAverageHourlyEmissions	M	D	O	O	
TotalCO2EquivalentEmissions	M	D	O	O	
ParentDocumentReference	O	D	O	O	
AdditionalInformation = AdditionalInformationType	O	D	O	O	
VerifierComments	D	D	O	O	
EmissionsReportNOxDetails	O	D	O	O	
xxx	O	D	O	O	
AviationEmissionsReportDetails	D	M	O	O	
DeviationsFromApprovedTKMP	D	M	O	O	
DeviationTKMPDescription	D	M	O	O	
AircraftData	D	M	O	O	
AircraftTypeReference	D	M	O	O	
AircraftRegistrationNumber	D	M	O	O	
AircraftOwner	D	M	O	O	
StartingDate	D	O	O	O	
EndDate	D	O	O	O	
TonneKilometreData	D	M	O	O	
AerodromeOne	D	M	O	O	
AerodromeTwo	D	M	O	O	
Distance	D	M	O	O	
TotalNumberOfFlightsPerAerodromePair	D	M	O	O	
TotalNumberOfPassengers	D	M	O	O	
TotalMassOfPassengersAndBagage	D	M	O	O	
TotalMassOfFreightAndMail	D	M	O	O	
TotalPassengerKilometres	D	M	O	O	
TotalFreightAndMailKilometres	D	M	O	O	
TotalTonneKilometresPerAerodromePair	D	M	O	O	
DeviationsFromApprovedAEMP	D	M	O	O	
DeviationAEMPDescription	D	M	O	O	
TotalNumberOfFlights	D	M	O	O	
AviationTotalEmissionsData	D	M	O	O	
FuelsUsedData	D	M	O	O	
NameOfFuel	D	M	O	O	

	SubmissionCode = 5, Emissions report submission (for stationary installation)	SubmissionCode = 5, Emissions report submission (for aviation operator)	SubmissionCode = 6, Emissions report verification	SubmissionCode = 7, Emissions report update	Notes
EmissionFactor	D	M	O	O	
EmissionFactorMetric	D	M	O	O	
NetCalorificValue	D	M	O	O	
BiomassContent	D	M	O	O	
FuelConsumption	D	M	O	O	
CO2Emissions	D	M	O	O	
FuelUsePerAircraftType	D	M	O	O	
NameOfFuel	D	M	O	O	
AircraftTypeReference	D	M	O	O	
SimplifiedApproachData	D	M	O	O	
ConfirmationSimplifiedApproach	D	M	O	O	
TotalNumberOfFlightsFirstPeriod	D	M	O	O	
TotalNumberOfFlightsSecondPeriod	D	M	O	O	
TotalNumberOfFlightsThirdPeriod	D	M	O	O	
TotalCO2Emissions	D	M	O	O	
DataGaps	D	M	O	O	
ConfirmationSimplifiedApproachDataGaps	D	M	O	O	
SimplifiedApproachAmountOfEmissions	D	M	O	O	
ConfirmationUseOfBiomass	D	M	O	O	
BiomassData	D	M	O	O	
NameOfFuel	D	M	O	O	
BiomassAmount	D	M	O	O	
BiomassUnit	D	M	O	O	
CO2EmissionsFromBiomass	D	M	O	O	
AggregatedCO2DomesticFlights	D	M	O	O	
MSOfDepartureAndArrival	D	M	O	O	
NameOfFuel	D	M	O	O	
AggregatedCO2Emissions	D	M	O	O	
AggregatedCO2MSDeparture	D	M	O	O	
MSOfDeparture	D	M	O	O	
CountryOfArrival	D	M	O	O	
NameOfFuel	D	M	O	O	
AggregatedCO2Emissions	D	M	O	O	
AggregatedCO2MSArrival	D	M	O	O	
CountryOfDeparture	D	M	O	O	
MSOfArrival	D	M	O	O	
NameOfFuel	D	M	O	O	
AggregatedCO2Emissions	D	M	O	O	
AdditionalEmissionsDataPerAerodromePair	D	M	O	O	
AerodromeOne	D	M	O	O	
AerodromeTwo	D	M	O	O	
TotalNumberOfFlightsPerAerodromePair	D	M	O	O	
TotalEmissionsPerAerodromePair	D	M	O	O	
ParentDocumentReference	D	O	O	O	
AdditionalInformation = AdditionalInformationType	D	O	O	O	
VerifierComments	D	D	O	D	
VerificationInformation	D	D	M	D	
VerifierInformation	D	D	M	D	
Verifier = ContactType	D	D	M	D	
VerificationOrganisation = OrganisationContactType	D	D	O	D	
Responsibilities	D	D	M	D	
Qualification	D	D	M	D	
AreaOfQualification	D	D	M	D	
AccreditationCertificate	D	D	M	D	
QualificationValidityStartDate	D	D	O	D	
QualificationValidityEndDate	D	D	O	D	
NACECode	D	D	O	D	
VerificationDetails	D	D	M	D	
InstallationChecked	D	D	M	D	
NotCheckedReason	D	D	O	D	
Statement	D	D	M	D	

	SubmissionCode = 5, Emissions report submission (for stationary installation)	SubmissionCode = 5, Emissions report submission (for aviation operator)	SubmissionCode = 6, Emissions report verification	SubmissionCode = 7, Emissions report update	Notes
BasisOfStatement	D	D	M	D	
ScopeOfVerification	D	D	O	D	
SamplingStrategy	D	D	O	D	
Non-conformatiesAndMisstatements	D	D	O	D	
Recommendations	D	D	O	D	
VerificationAttachement = AttachmentType	D	D	O	D	
AdditionalInformation = AdditionalInformationType	D	D	O	D	
CADeterminedEmissions	D	D	D	D	
Reason	D	D	D	D	
TotalEmissions	D	D	D	D	
Pollutant	D	D	D	D	
TotalEmissions	D	D	D	D	
EmissionMetric	D	D	D	D	
Comment	D	D	D	D	
AdditionalInformation = AdditionalInformationType	D	D	D	D	
AdditionalInformation = AdditionalInformationType	O	O	O	O	

Recurring complex types

AdditionalInformation					
AdditionalInformationDescription	M	M	M	M	
AdditionalInformationDetails	M	M	M	M	
OrganisationContactType					
OrganisationName	M	M	M	M	
StreetAddress1	M	M	M	M	
StreetAddress2	O	O	O	O	
PostOfficeBox	O	O	O	O	
PostCode	M	M	M	M	
City	M	M	M	M	
Country	M	M	M	M	
Email	O	O	O	O	
PhoneNumber1	M	M	M	M	
PhoneNumber2	O	O	O	O	
FaxNumber	O	O	O	O	
ContactType					
FirstName	M	M	M	M	
LastName	M	M	M	M	
Title	O	O	O	O	
JobTitle	M	M	M	M	
Role	O	O	O	O	
StreetAddress1	M	M	M	M	
StreetAddress2	O	O	O	O	
PostOfficeBox	O	O	O	O	
PostCode	M	M	M	M	
City	M	M	M	M	
Country	M	M	M	M	
Email	M	M	M	M	
PhoneNumber1	M	M	M	M	
PhoneNumber2	O	O	O	O	
FaxNumber	O	O	O	O	
AttachmentType					
AttachmentName	M	M	M	M	
AttachmentType	M	M	M	M	
AttachmentVersion	O	O	O	O	
AttachmentSubmissionStatus	O	O	O	O	
AttachmentDescription	O	O	O	O	
ValuesType					

												SubmissionCode = 5, Emissions report submission (for stationary installation)	SubmissionCode = 5, Emissions report submission (for aviation operator)	SubmissionCode = 6, Emissions report verification	SubmissionCode = 7, Emissions report update	Notes
		DataValue										M	M	M	M	
		MetricOfMeasure										M	M	M	M	