

Data dictionary for QIF Library Traceability.xsd (normative)

schema location: **..\QIFLibrary\Traceability.xsd**
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: **http://qifstandards.org/xsd/qif2**

Complex types

[ActualProductTraceabilityType](#)
[EnvironmentsType](#)
[EnvironmentType](#)
[ErrorsType](#)
[InspectionProgramType](#)
[InspectionSoftwareItemsType](#)
[InspectionTraceabilityType](#)
[ManufacturingProcessTraceabilitiesType](#)
[ManufacturingProcessTraceabilityType](#)
[PartialInspectionType](#)
[PreInspectionTraceabilityType](#)
[ProcessParameterType](#)
[ProductTraceabilityType](#)
[TimeDescriptionType](#)

Simple types

[InspectionModeEnumType](#)
[InspectionScopeEnumType](#)
[TimeDescriptionEnumType](#)

complexType **ActualProductTraceabilityType**

diagram	
children	SampleNumber LotNumber ReportNumber ManufacturingProcessId FixtureId NotableEventIds NotedEventIds InspectionStart InspectionEnd InspectionSoftwareItems InspectionProgram InspectionOperator MeasurementDeviceIds ProductEnvironments Errors
annotation	documentation The ActualProductTraceabilityType defines traceability information for a part or assembly.

element **ActualProductTraceabilityType/SampleNumber**

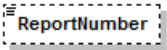
diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional SampleNumber element is the number assigned to a product with less restriction than Serial Number. e.g. in a Factorial Designed Experiment each product will be assigned a 'run number'.

element **ActualProductTraceabilityType/LotNumber**

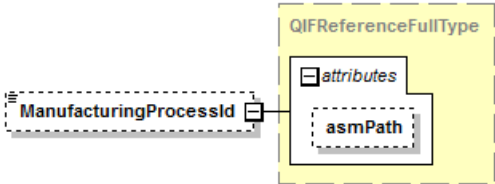
diagram	
type	xs:string

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional LotNumber element is the number of the lot from which the sample is drawn.

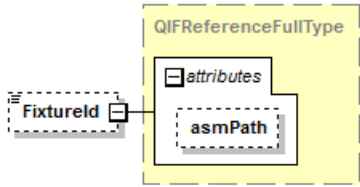
element ActualProductTraceabilityType/ReportNumber

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ReportNumber element is the number assigned to the report corresponding to the reported data. If AS9102A forms are being used, this may be used as the value of the FAI (First Article Inspection) Report Number field.

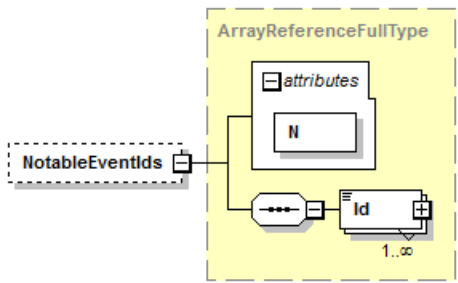
element ActualProductTraceabilityType/ManufacturingProcessId

diagram						
type	QIFReferenceFullType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	Annotation
	asmPath	QIFIdType				documentation The optional asmPath attribute is an id which must be used for locating of the assembly path within the AsmPaths. The assembly path (instantiation chain) unambiguously identifies a model entity within an assembly.
annotation	documentation The optional ManufacturingProcessId element is a reference to the traceability information for the manufacturing process used to create the product.					

element **ActualProductTraceabilityType/FixtureId**

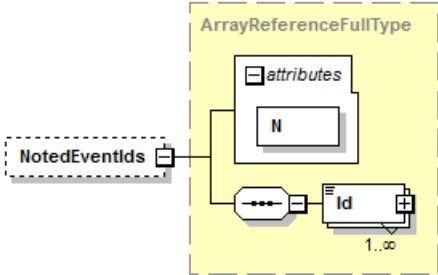
diagram						
type	QIFReferenceFullType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	Annotation
	asmPath	QIFIdType				documentation The optional asmPath attribute is an id which must be used for locating of the assembly path within the AsmPaths. The assembly path (instantiation chain) unambiguously identifies a model entity within an assembly.
annotation	documentation The optional FixtureId element is a QIF reference to a fixture defined in the setup of a measurement plan.					

element **ActualProductTraceabilityType/NotableEventIds**

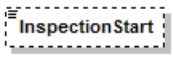
diagram						
type	ArrayReferenceFullType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
children	Id					
attributes	Name	Type	Use	Default	Fixed	Annotation
	N	NaturalType	required			documentation The required N attribute shows how many Id elements are present in this

	array.
annotation	documentation The optional NotableEventIds element is a list of QIF ids of notable events.

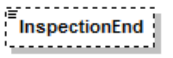
element **ActualProductTraceabilityType/NotedEventIds**

diagram						
type	ArrayReferenceFullType					
properties	minOcc	0	maxOcc	1	content	complex
children	Id					
attributes	Name	N	Type	NaturalType	Use	required
					Default	Fixed
						Annotation
						documentation
						The required N attribute shows how many Id elements are present in this array.
annotation	documentation The optional NotedEventIds element is a list of QIF ids of noted events.					

element **ActualProductTraceabilityType/InspectionStart**

diagram						
type	xs:dateTime					
properties	minOcc	0	maxOcc	1	content	simple
annotation	documentation The optional InspectionStart element is the date and time in GMT (not local time) when the inspection started.					

element **ActualProductTraceabilityType/InspectionEnd**

diagram						
type	xs:dateTime					
properties	minOcc	0	maxOcc	1	content	simple
annotation	documentation The optional InspectionEnd element is the date and time in GMT (not local time) when the inspection of the product completed. For systems that do both inspection and analysis, it would imply completion of both inspection and the analysis.					

element **ActualProductTraceabilityType/InspectionSoftwareItems**

diagram	
type	InspectionSoftwareItemsType
properties	minOcc 0 maxOcc 1 content complex
children	InspectionProgramGenerationSoftware InspectionProgramExecutionSoftware AnalysisSoftware CADSoftware DMESoftware
annotation	documentation The optional InspectionSoftwareItems element is a list of software used in the inspection.

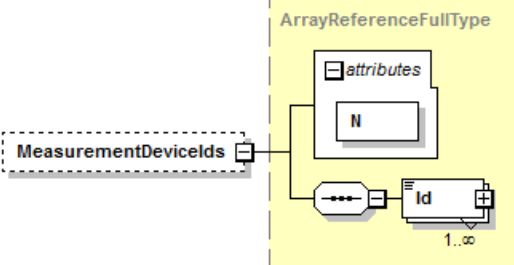
element **ActualProductTraceabilityType/InspectionProgram**

diagram	
type	InspectionProgramType
properties	minOcc 0 maxOcc 1 content complex
children	File Description FormalStandard Author
annotation	documentation The optional InspectionProgram element gives information about a program (such as a CMM program) used or to be used to inspect the product.

element **ActualProductTraceabilityType/InspectionOperator**

diagram	
type	EmployeeType
properties	minOcc 0 maxOcc 1 content complex
children	Name EmployeeId Shift
annotation	documentation The optional InspectionOperator element gives information about the person who operated the inspection device that gathered the data being reported.

element **ActualProductTraceabilityType/MeasurementDevicelds**

diagram						
type	ArrayReferenceFullType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
children	Id					
attributes	Name	Type	Use	Default	Fixed	Annotation
	N	NaturalType	required			documentation The required N attribute shows how many Id elements are present in this array.
annotation	documentation The optional MeasurementDevicelds element is a list of references to the measurement devices used in the inspection.					

element **ActualProductTraceabilityType/ProductEnvironments**

diagram	
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type	EnvironmentsType
properties	minOcc 0 maxOcc 1 content complex
children	Environment
annotation	documentation The optional ProductEnvironments element is a list of environments recorded during the inspection.

element **ActualProductTraceabilityType/Errors**

diagram	
type	ErrorsType
properties	minOcc 0 maxOcc 1 content complex
children	Error
annotation	documentation The Errors element is a list of any errors that occurred during the measurement process.

complexType **EnvironmentsType**

diagram	
children	Environment
used by	element ActualProductTraceabilityType/ProductEnvironments
annotation	documentation The EnvironmentsType defines a list of environment instances.

element **EnvironmentsType/Environment**

diagram	
type	EnvironmentType

properties	minOcc 1 maxOcc unbounded content complex
children	Attributes ObjectTemperature AmbientTemperature RelativeHumidity DateAndTime TimeDescription
annotation	documentation Each Environment element gives information about an environment record instance.

complexType EnvironmentType

diagram	
children	Attributes ObjectTemperature AmbientTemperature RelativeHumidity DateAndTime TimeDescription
used by	element EnvironmentsType/Environment
annotation	documentation The EnvironmentType defines information about the temperature and/or humidity at a particular time during a measurement process.

element EnvironmentType/ObjectTemperature

diagram	<pre>classDiagram class ObjectTemperature { decimalPlaces significantFigures combinedUncertainty meanError temperatureUnit } class ActualTemperatureValueType { decimalPlaces significantFigures combinedUncertainty meanError temperatureUnit } ObjectTemperature -- ActualTemperatureValueType</pre>																								
type	ActualTemperatureValueType																								
properties	minOcc 0 maxOcc 1 content complex																								
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>decimalPlaces</td><td>xs:nonNegativeInteger</td><td></td><td></td><td></td><td>documentation See documentation of SpecifiedDecimalType.</td></tr><tr><td>significantFigures</td><td>xs:nonNegativeInteger</td><td></td><td></td><td></td><td>documentation See documentation of SpecifiedDecimalType.</td></tr><tr><td>combinedUncertainty</td><td>NonNegativeDecimalType</td><td></td><td></td><td></td><td>documentation The optional</td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	decimalPlaces	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.	significantFigures	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.	combinedUncertainty	NonNegativeDecimalType				documentation The optional
Name	Type	Use	Default	Fixed	Annotation																				
decimalPlaces	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.																				
significantFigures	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.																				
combinedUncertainty	NonNegativeDecimalType				documentation The optional																				

	<p>meanError NonNegativeDecimalType</p> <p>temperatureUnit xs:token</p>	<p>combinedUncertainty attribute is a value expressing the combined uncertainty assigned to the SpecifiedDecimalType. documentation The optional meanError attribute is a value expressing the mean error assigned to the SpecifiedDecimalType. documentation The optional temperatureUnit attribute defines the UnitName for the TemperatureValueType.</p>
annotation	documentation The optional ObjectTemperature element is the temperature of the product or feature to which an environment instance is attached.	

element **EnvironmentType/AmbientTemperature**

diagram	<p>The diagram illustrates the structure of the AmbientTemperature element. It is a complex type with the following attributes: decimalPlaces, significantFigures, combinedUncertainty, meanError, and temperatureUnit. The diagram is titled ActualTemperatureValueType.</p>					
type	ActualTemperatureValueType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	Annotation
	decimalPlaces	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.
	significantFigures	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.
	combinedUncertainty	NonNegativeDecimalType				documentation The optional combinedUncertainty attribute is a value expressing the combined uncertainty assigned to the SpecifiedDecimalType.
	meanError	NonNegativeDecimalType				documentation The optional meanError attribute is a value expressing the mean error assigned to the SpecifiedDecimalType.

	temperatureUnit xs:token	documentation The optional temperatureUnit attribute defines the UnitName for the TemperatureValueType.
annotation	documentation The optional AmbientTemperature element is the temperature of the air in the area in which the inspection is performed.	

element EnvironmentType/RelativeHumidity

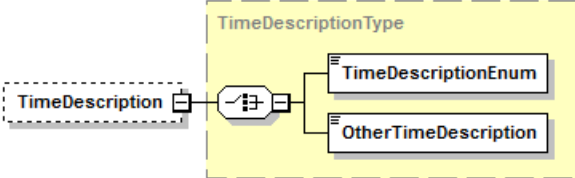
diagram						
type	ActualDecimalType					
properties	minOcc 0 maxOcc 1 content complex					
attributes	Name	Type	Use	Default	Fixed	Annotation
	decimalPlaces	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.
	significantFigures	xs:nonNegativeInteger				documentation See documentation of SpecifiedDecimalType.
	combinedUncertainty	NonNegativeDecimalType				documentation The optional combinedUncertainty attribute is a value expressing the combined uncertainty assigned to the SpecifiedDecimalType.
	meanError	NonNegativeDecimalType				documentation The optional meanError attribute is a value expressing the mean error assigned to the SpecifiedDecimalType.
annotation	documentation The optional RelativeHumidity element is the relative humidity of the air in the area in which the inspection is performed. The RelativeHumidity value must be between 0 and 100.					

element EnvironmentType/DateAndTime

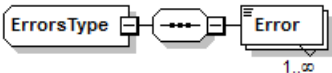
diagram						
type	xs:dateTime					
properties	content simple					

annotation	documentation The DateandTime element gives the date and time at which the environment data is recorded.
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
element EnvironmentType/TimeDescription

diagram	
type	TimeDescriptionType
properties	minOcc 0 maxOcc 1 content complex
children	TimeDescriptionEnum OtherTimeDescription
annotation	documentation The optional TimeDescription element gives the time, relative to the inspection, at which the environment data is measured.

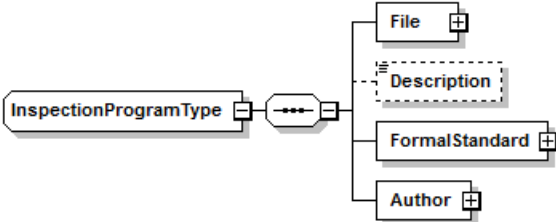
complexType ErrorsType

diagram	
children	Error
used by	elements InspectionTraceabilityType/Errors ActualProductTraceabilityType/Errors
annotation	documentation The ErrorsType defines a list of errors that occurred during the measurement process.

element ErrorsType/Error

diagram	
type	xs:string
properties	minOcc 1 maxOcc unbounded content simple
annotation	documentation Each Error element describes an error that occurred during the measurement process.

complexType InspectionProgramType

diagram	
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children	File Description FormalStandard Author
used by	elements InspectionTraceabilityType/InspectionProgram PreInspectionTraceabilityType/InspectionProgram ProductTraceabilityType/InspectionProgram ActualProductTraceabilityType/InspectionProgram
annotation	documentation The InspectionProgramType defines the inspection program.

element **InspectionProgramType/File**

diagram	
type	FileType
properties	content complex
children	Name Version Format
annotation	documentation The File element is information about the inspection program file, include its name, version, and format.

element **InspectionProgramType/Description**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Description element is a description of the file.

element **InspectionProgramType/FormalStandard**

diagram	
type	FormalStandardType
properties	content complex
children	FormalStandardEnum OtherFormalStandard
annotation	documentation The FormalStandard element is the standard against which the inspection characteristics are to be evaluated.

element **InspectionProgramType/Author**

diagram	
type	EmployeeType
properties	content complex
children	Name EmployeeId Shift
annotation	documentation The Author element gives information about the author of the inspection program.

complexType **InspectionSoftwareItemsType**

diagram	
children	InspectionProgramGenerationSoftware InspectionProgramExecutionSoftware AnalysisSoftware CADSoftware DMESoftware
used by	elements InspectionTraceabilityType/InspectionSoftwareItems PreInspectionTraceabilityType/InspectionSoftwareItems ProductTraceabilityType/InspectionSoftwareItems ActualProductTraceabilityType/InspectionSoftwareItems
annotation	documentation The InspectionSoftwareItemsType defines information about software used to create the product model, to analyze data and/or to perform the product inspection.

element **InspectionSoftwareItemsType/InspectionProgramGenerationSoftware**

diagram	
type	SoftwareType
properties	minOcc 0 maxOcc unbounded content complex
children	VendorName ApplicationName Version Description
annotation	documentation Each optional InspectionProgramGenerationSoftware element gives information about software used to generate the program used to perform the inspection.

element **InspectionSoftwareItemsType/InspectionProgramExecutionSoftware**

diagram	
type	SoftwareType
properties	minOcc 0 maxOcc unbounded content complex
children	VendorName ApplicationName Version Description
annotation	documentation Each optional InspectionProgramExecutionSoftware element gives information about software used to perform the inspection.

element **InspectionSoftwareItemsType/AnalysisSoftware**

diagram	
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type	SoftwareType
properties	minOcc 0 maxOcc unbounded content complex
children	VendorName ApplicationName Version Description
annotation	documentation Each optional AnalysisSoftware element gives information about software used for inspection data analysis.

element **InspectionSoftwareItemsType/CADSoftware**

diagram	<p>The diagram illustrates the relationship between CADSoftware and SoftwareType. CADSoftware is shown as an optional element with a multiplicity of 0..∞, connected to the SoftwareType complex type. SoftwareType is a dashed box containing four elements: VendorName, ApplicationName, Version, and Description.</p>
type	SoftwareType
properties	minOcc 0 maxOcc unbounded content complex
children	VendorName ApplicationName Version Description
annotation	documentation Each optional CADSoftware element gives information about the CAD software used to create the product model.

element **InspectionSoftwareItemsType/DMESoftware**

diagram	<p>The diagram illustrates the relationship between DMESoftware and SoftwareType. DMESoftware is shown as an optional element with a multiplicity of 0..∞, connected to the SoftwareType complex type. SoftwareType is a dashed box containing four elements: VendorName, ApplicationName, Version, and Description.</p>
type	SoftwareType
properties	minOcc 0 maxOcc unbounded content complex
children	VendorName ApplicationName Version Description
annotation	documentation Each optional DMESoftware element gives information about the software running on the DME.

complexType **InspectionTraceabilityType**

diagram	
children	InspectingOrganization CustomerOrganization SupplierCode PurchaseOrderNumber OrderNumber ReportNumber InspectionScope InspectionMode PartialInspection NotableEvents NotedEvents InspectionStart InspectionEnd InspectionSoftwareItems InspectionProgram InspectionOperator ReportPreparer ReportPreparationDate ReportType SecurityClassification PlantLocation ReferencedQIFPlanInstance ReferencedQIFPlan Errors
annotation	documentation The InspectionTraceabilityType defines information to support traceability of the inspection report.

element **InspectionTraceabilityType/InspectingOrganization**

diagram	<p>The diagram shows a dashed box labeled 'InspectingOrganization' connected to a yellow box labeled 'OrganizationType'. Inside 'OrganizationType', there are two elements: 'Name' and 'Address'. The 'InspectingOrganization' box is connected to the 'Name' element, which is also connected to the 'Address' element. The 'Address' element has a small square icon with a plus sign next to it.</p>
type	OrganizationType
properties	minOcc 0 maxOcc 1 content complex
children	Name Address
annotation	documentation The optional InspectingOrganization element gives information about the organization that generated the data in the report. The name of the inspecting organization is the 'Organization Name' required by AS9102A.

element **InspectionTraceabilityType/CustomerOrganization**

diagram	<p>The diagram shows a dashed box labeled 'CustomerOrganization' connected to a yellow box labeled 'CustomerOrganizationType'. Inside 'CustomerOrganizationType', there are three elements: 'Name', 'Address', and 'CustomerNumber'. The 'CustomerOrganization' box is connected to the 'Name' element, which is also connected to the 'Address' element. The 'Address' element has a small square icon with a plus sign next to it. The 'CustomerNumber' element is also connected to the 'CustomerOrganization' box.</p>
type	CustomerOrganizationType
properties	minOcc 0 maxOcc 1 content complex
children	Name Address CustomerNumber
annotation	documentation The optional CustomerOrganization element gives information about the organization that is the customer for the data in the report.

element **InspectionTraceabilityType/SupplierCode**

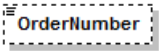
diagram	<p>The diagram shows a dashed box labeled 'SupplierCode'.</p>
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional SupplierCode element is a number given by the Customer to the organization that generated the XML file in which this information appears. From the customer's point of view, the supplier code identifies a specific supplier. Supplier code is sometimes called Vendor Code, Vendor Identification Number, Supplier Number, etc.

element **InspectionTraceabilityType/PurchaseOrderNumber**

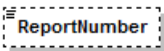
diagram	<p>The diagram shows a dashed box labeled 'PurchaseOrderNumber'.</p>
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type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional PurchaseOrderNumber element is an identifier assigned by the customer to a purchase order. A purchase order is a contract between the supplier and the customer that commits the customer and supplier to specific prices for specific goods (and possibly specific amounts of goods). A purchase order may be a standing agreement under which a number of specific orders are made over a period of time.

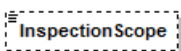
element InspectionTraceabilityType/OrderNumber

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional OrderNumber element is an identifier assigned by the customer to an order. Where there is a standing purchase order, there may be several order numbers for specific purchases over a period of time.

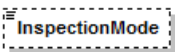
element InspectionTraceabilityType/ReportNumber

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ReportNumber element is the number assigned to the report corresponding to the reported data. If AS9102A forms are being used, this may be used as the value of the FAI (First Article Inspection) Report Number field.

element InspectionTraceabilityType/InspectionScope

diagram										
type	InspectionScopeEnumType									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>DETAIL</td><td></td></tr><tr><td>enumeration</td><td>ASSEMBLY</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	DETAIL		enumeration	ASSEMBLY	
Kind	Value	Annotation								
enumeration	DETAIL									
enumeration	ASSEMBLY									
annotation	<p>documentation</p> <p>The optional, enumerated InspectionScope element is the scope of a first article inspection as used in AS9102A.</p>									

element InspectionTraceabilityType/InspectionMode

diagram	
type	<u>InspectionModeEnumType</u>

properties	minOcc 0 maxOcc 1 content simple
facets	<div>Kind Value Annotation</div> <div>enumeration FAI_Full</div> <div>enumeration FAI_Partial</div> <div>enumeration 100Percent</div> <div>enumeration APQP</div> <div>enumeration KPC</div> <div>enumeration PPAP</div>
annotation	documentation The optional, enumerated InspectionMode element is the mode of a first article inspection as used in AS9102A.

element **InspectionTraceabilityType/PartialInspection**

diagram	
type	PartialInspectionType
properties	minOcc 0 maxOcc 1 content complex
children	BaselineProductNumber BaselineProductVersion ReasonForPartialInspection
annotation	documentation The optional PartialInspection element gives the rationale for a partial inspection. It should be used if the value of the InspectionMode element is FAI_Partial and may be used for any other partial inspection.

element **InspectionTraceabilityType/NotableEvents**

diagram	
type	NotableEventsType
properties	minOcc 0 maxOcc 1 content complex
children	NotableEvent
annotation	documentation The optional NotableEvents element is a list of notable events associated with the inspection.

element **InspectionTraceabilityType/NotedEvents**

diagram	
type	NotedEventsType
properties	minOcc 0 maxOcc 1 content complex
children	NotedEvent
annotation	documentation The optional NotedEvents element is a list of noted events associated with the inspection.

element **InspectionTraceabilityType/InspectionStart**

diagram	
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional InspectionStart element is the date and time in GMT (not local time) when the inspection started.

element **InspectionTraceabilityType/InspectionEnd**

diagram	
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional InspectionEnd element is the date and time in GMT (not local time) when the inspection completed. For systems that do both inspection and analysis, it would imply completion of both inspection and the analysis.

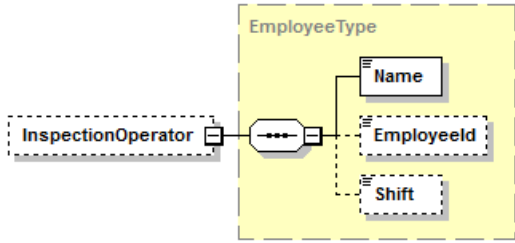
element **InspectionTraceabilityType/InspectionSoftwareItems**

diagram	
type	InspectionSoftwareItemsType
properties	minOcc 0 maxOcc 1 content complex
children	InspectionProgramGenerationSoftware InspectionProgramExecutionSoftware AnalysisSoftware CADSoftware DMESoftware
annotation	documentation The optional InspectionSoftwareItems element is a list of information describing the software used in model creation, inspection and data analysis.

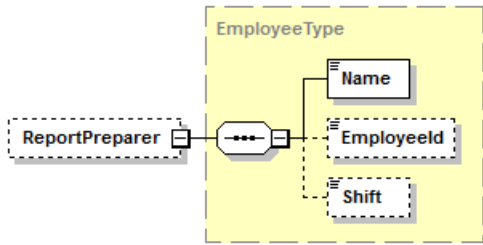
element **InspectionTraceabilityType/InspectionProgram**

diagram	
type	InspectionProgramType
properties	minOcc 0 maxOcc 1 content complex
children	File Description FormalStandard Author
annotation	documentation The optional InspectionProgram element gives information about a program (such as a CMM program) used or to be used to in the inspection.

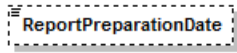
element **InspectionTraceabilityType/InspectionOperator**

diagram	 <p>The diagram shows an InspectionOperator element (dashed box) connected to an EmployeeType container (yellow dashed box). Inside EmployeeType, there are three elements: Name, EmployeeId, and Shift. The InspectionOperator is connected to the EmployeeId element.</p>
type	EmployeeType
properties	minOcc 0 maxOcc 1 content complex
children	Name EmployeeId Shift
annotation	documentation The optional InspectionOperator element gives information about the person who operated the inspection device that gathered the data being reported.

element **InspectionTraceabilityType/ReportPreparer**

diagram	 <p>The diagram shows a ReportPreparer element (dashed box) connected to an EmployeeType container (yellow dashed box). Inside EmployeeType, there are three elements: Name, EmployeeId, and Shift. The ReportPreparer is connected to the EmployeeId element.</p>
type	EmployeeType
properties	minOcc 0 maxOcc 1 content complex
children	Name EmployeeId Shift
annotation	documentation The optional ReportPreparer element gives information about the person who prepared the inspection report (an AS9102A first article inspection report, for example).

element **InspectionTraceabilityType/ReportPreparationDate**

diagram	 <p>The diagram shows a ReportPreparationDate element (dashed box).</p>
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ReportPreparationDate element is the date and time in GMT (not local time) when the report was completed.

element **InspectionTraceabilityType/ReportType**

diagram	 <p>The diagram shows a ReportType element (dashed box).</p>
---------	--

type	xs:token
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ReportType element is the type of inspection report.

element InspectionTraceabilityType/SecurityClassification

diagram	
type	SecurityClassificationType
properties	minOcc 0 maxOcc 1 content complex
children	SecurityClassificationEnum OtherSecurityClassification
annotation	documentation The optional SecurityClassification element gives the security classification of the inspection report.

element InspectionTraceabilityType/PlantLocation

diagram													
type	LocationType												
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentcomplex</div>												
children	LocationDescription Address												
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>id</td><td>QIFIdType</td><td>required</td><td></td><td></td><td>documentation The id attribute is the QIF id of the location, used for referencing.</td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	id	QIFIdType	required			documentation The id attribute is the QIF id of the location, used for referencing.
Name	Type	Use	Default	Fixed	Annotation								
id	QIFIdType	required			documentation The id attribute is the QIF id of the location, used for referencing.								
annotation	<div>documentation</div> <div>The optional PlantLocation element gives information about the location of the plant where the inspection was performed.</div>												

element **InspectionTraceabilityType/ReferencedQIFPlanInstance**

diagram	
type	QPIdFullReferenceType
properties	content complex
children	ItemQPId DocumentQPId
annotation	documentation The ReferencedQIFPlanInstance element identifies the plan that was used in preparing this file.

element **InspectionTraceabilityType/ReferencedQIFPlan**

diagram	
type	xs:NMTOKEN
properties	content simple fixed ThisFile
annotation	documentation The ReferencedQIFPlan element indicates that the QIF Plans file that was used in preparing this file is the one in this file.

element **InspectionTraceabilityType/Errors**

diagram	
type	ErrorsType
properties	minOcc 0 maxOcc 1 content complex
children	Error
annotation	documentation The Errors element is a list of any errors that occurred during the measurement process.

complexType **ManufacturingProcessTraceabilitiesType**

diagram	
children	ManufacturingProcessTraceability
used by	element ManufacturingProcessTraceabilities
annotation	documentation The ManufacturingProcessTraceabilitiesType defines a list of manufacturing traceabilities that can be referenced by their QIF Id.

element **ManufacturingProcessTraceabilitiesType/ManufacturingProcessTraceability**

diagram						
type	ManufacturingProcessTraceabilityType					
properties	minOcc	1	maxOcc	unbounded	content	complex
children	Attributes Description Job Revision PreviousOperationId Path MachineManufacturerName MachineIdentifier OperatorIdentifier Shift Department ResponsibilityIdentifier PlantSector ProcessParameter AssociatedTraceabilityId					
attributes	Name	Type	Use	Default	Fixed	Annotation
	id	QIFIdType	required			documentation The id attribute is the QIF id of the manufacturing process traceability, used for referencing.
annotation	documentation Each ManufacturingProcessTraceability element gives traceability information for a manufacturing process.					


complexType **ManufacturingProcessTraceabilityType**

diagram						
children	Attributes Description Job Revision PreviousOperationId Path MachineManufacturerName MachineIdentifier OperatorIdentifier Shift Department ResponsibilityIdentifier PlantSector ProcessParameter AssociatedTraceabilityId					
used by	element	ManufacturingProcessTraceabilitiesType/ManufacturingProcessTraceability				
attributes	Name id	Type QIFIdType	Use required	Default	Fixed	Annotation documentation The id attribute is the QIF id of the manufacturing process traceability, used for referencing.
annotation	documentation The ManufacturingProcessTraceabilityType defines traceability information for a manufacturing process.					


attribute **ManufacturingProcessTraceabilityType/@id**

type	QIFIdType
properties	use required
annotation	documentation The id attribute is the QIF id of the manufacturing process traceability, used for referencing.

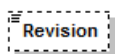
element **ManufacturingProcessTraceabilityType/Description**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Description element gives the manufacturing process.

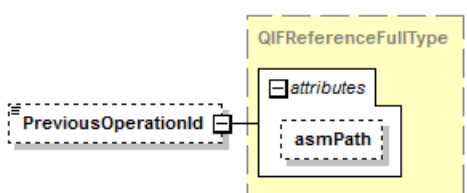
element **ManufacturingProcessTraceabilityType/Job**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Job element is the job number for the manufacturing process.

element **ManufacturingProcessTraceabilityType/Revision**


diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Revision element is the revision number of the manufacturing process (NC cutter tape for example).

element **ManufacturingProcessTraceabilityType/PreviousOperationId**

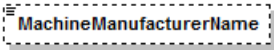
diagram	
type	QIFReferenceFullType
properties	minOcc 0 maxOcc 1 content complex

attributes	Name	Type	Use	Default	Fixed	Annotation
	asmPath	QIFIdType				documentation The optional asmPath attribute is an id which must be used for locating of the assembly path within the AsmPaths. The assembly path (instantiation chain) unambiguously identifies a model entity within an assembly.
annotation	documentation The optional PreviousOperationId element identifies an instance of ManufacturingProcessTraceabilityType giving the manufacturing process traceability information for the previous manufacturing operation.					


element **ManufacturingProcessTraceabilityType/Path**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Path element gives the physical route used in a manufacturing process, eg "Line 3/Drilling machine #7/Spindle #2".


element **ManufacturingProcessTraceabilityType/MachineManufacturerName**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional MachineManufacturerName element is the name of the company manufacturing the machine tool used in the process.


element **ManufacturingProcessTraceabilityType/MachineIdentifier**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional MachineIdentifier element is the identifier for the machine tool used in the process.


element ManufacturingProcessTraceabilityType/OperatorIdentifier

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional OperatorIdentifier element gives an identifier for the person operating the machine tool used in the process.

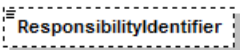
element ManufacturingProcessTraceabilityType/Shift

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Shift element gives the shift in which this manufacturing process took place.

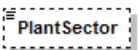
element ManufacturingProcessTraceabilityType/Department

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional Department element is a the name of department undertaking the manufacturing process.

element ManufacturingProcessTraceabilityType/ResponsibilityIdentifier

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ResponsibilityIdentifier element gives an identifier for the entity responsible for this manufacturing process.

element ManufacturingProcessTraceabilityType/PlantSector

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1

	content simple
annotation	documentation The optional PlantSector element is a the plant sector in which the manufacturing process takes place.

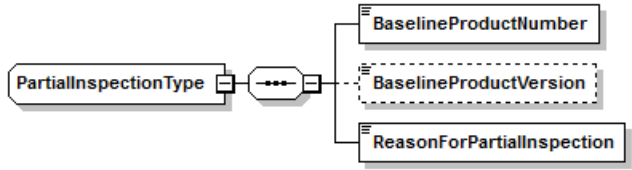
element ManufacturingProcessTraceabilityType/ProcessParameter

diagram	
type	ProcessParameterType
properties	minOcc 0 maxOcc unbounded content complex
children	ParameterType ParameterValue
annotation	documentation Each optional ProcessParameter element gives the type and value of a process parameter used in the manufacturing process.


element ManufacturingProcessTraceabilityType/AssociatedTraceabilityId

diagram					
type	QIFReferenceFullType				
properties	minOcc	0			
	maxOcc	1			
	content	complex			
attributes	Name	Type	Use	Default	Fixed
	asmPath	QIFIdType			
					Annotation
					documentation
					The optional asmPath attribute is an id which must be used for locating of the assembly path within the AsmPaths. The assembly path (instantiation chain) unambiguously identifies a model entity within an assembly.
annotation	documentation				
	The optional AssociatedTraceabilityId element identifies an instance of ManufacturingProcessTraceabilityType giving manufacturing process traceability information associated with this manufacturing operation. Some traceability information like Department and PlantSector can apply to many items; this sort of data can be stored in one instance and referenced by other traceability instances.				


complexType PartialInspectionType

diagram	
children	BaselineProductNumber BaselineProductVersion ReasonForPartialInspection
used by	elements InspectionTraceabilityType/PartialInspection PreInspectionTraceabilityType/PartialInspection
annotation	documentation The PartialInspectionType defines the rationale for a partial inspection.


element PartialInspectionType/BaselineProductNumber

diagram	
type	xs:string
properties	content simple
annotation	documentation The BaselineProductNumber element gives an identifier of a product that has had a previous inspection (such as FAI) and is of the same type as the one being subjected to partial inspection.

element PartialInspectionType/BaselineProductVersion

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional BaselineProductVersion element is the version of the product that had a previous inspection.

element PartialInspectionType/ReasonForPartialInspection

diagram	
type	xs:string
properties	content simple
annotation	documentation The ReasonForPartialInspection element is the reason for a partial inspection, for example, changes in design, process, manufacturing location, etc.

complexType **PreInspectionTraceabilityType**

diagram	
children	InspectingOrganization CustomerOrganization SupplierCode PurchaseOrderNumber OrderNumber AsmPathIds ReportNumber InspectionScope InspectionMode PartialInspection NotableEvents InspectionSoftwareItems InspectionProgram SecurityClassification PlantLocation ReferencedQIFPlanInstance ReferencedQIFPlan FormalStandard
annotation	documentation The PreInspectionTraceabilityType defines information to support traceability of the inspection report.

element **PreInspectionTraceabilityType/InspectingOrganization**

diagram	
type	OrganizationType
properties	minOcc 0 maxOcc 1

	content complex
children	Name Address
annotation	documentation The optional InspectingOrganization element gives information about the organization that generated the data in the report. The name of the inspecting organization is the 'Organization Name' required by AS9102A.

element PreInspectionTraceabilityType/CustomerOrganization

diagram	
type	CustomerOrganizationType
properties	minOcc 0 maxOcc 1 content complex
children	Name Address CustomerNumber
annotation	documentation The optional CustomerOrganization element gives information about the organization that is the customer for the data in the report.


element PreInspectionTraceabilityType/SupplierCode

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional SupplierCode element is a number given by the Customer to the organization that generated the XML file in which this information appears. From the customer's point of view, the supplier code identifies a specific supplier. Supplier code is sometimes called Vendor Code, Vendor Identification Number, Supplier Number, etc.

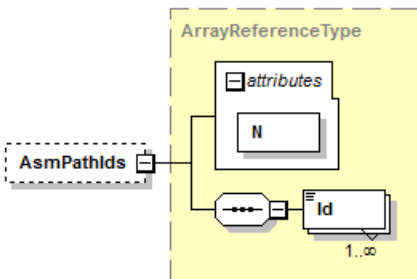
element PreInspectionTraceabilityType/PurchaseOrderNumber

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional PurchaseOrderNumber element is an identifier assigned by the customer to a purchase order. A purchase order is a contract between the supplier and the customer that commits the customer and supplier to specific prices for specific goods (and possibly specific amounts of goods). A purchase order may be a standing agreement under which a number of specific orders are made over a period of time.

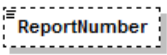
element **PreInspectionTraceabilityType/OrderNumber**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional OrderNumber element is an identifier assigned by the customer to an order. Where there is a standing purchase order, there may be several order numbers for specific purchases over a period of time.

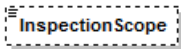
element **PreInspectionTraceabilityType/AsmPathIds**

diagram						
type	ArrayReferenceType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
children	Id					
attributes	Name	Type	Use	Default	Fixed	Annotation
	N	NaturalType	required			documentation The required N attribute shows how many Id elements are present in this array.
annotation	documentation The optional AsmPathIds element is the list of AsmPath QIF ids.					

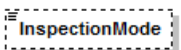
element **PreInspectionTraceabilityType/ReportNumber**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ReportNumber element is the number to be assigned to the report corresponding to the reported data. If AS9102A forms are being used, this may be used as the value of the FAI (First Article Inspection) Report Number field.

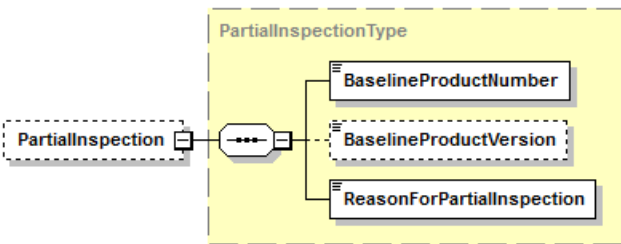
element **PreInspectionTraceabilityType/InspectionScope**

diagram										
type	InspectionScopeEnumType									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>DETAIL</td><td></td></tr><tr><td>enumeration</td><td>ASSEMBLY</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	DETAIL		enumeration	ASSEMBLY	
Kind	Value	Annotation								
enumeration	DETAIL									
enumeration	ASSEMBLY									
annotation	<div>documentation</div> <div>The optional, enumerated InspectionScope element is the scope of a first article inspection as used in AS9102A.</div>									

element **PreInspectionTraceabilityType/InspectionMode**

diagram																						
type	InspectionModeEnumType																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>FAI_Full</td><td></td></tr><tr><td>enumeration</td><td>FAI_Partial</td><td></td></tr><tr><td>enumeration</td><td>100Percent</td><td></td></tr><tr><td>enumeration</td><td>APQP</td><td></td></tr><tr><td>enumeration</td><td>KPC</td><td></td></tr><tr><td>enumeration</td><td>PPAP</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	FAI_Full		enumeration	FAI_Partial		enumeration	100Percent		enumeration	APQP		enumeration	KPC		enumeration	PPAP	
Kind	Value	Annotation																				
enumeration	FAI_Full																					
enumeration	FAI_Partial																					
enumeration	100Percent																					
enumeration	APQP																					
enumeration	KPC																					
enumeration	PPAP																					
annotation	<p>documentation</p> <p>The optional, enumerated InspectionMode element is the mode of a first article inspection as used in AS9102A.</p>																					

element **PreInspectionTraceabilityType/PartialInspection**

diagram	
type	PartialInspectionType
properties	minOcc 0 maxOcc 1 content complex
children	BaselineProductNumber BaselineProductVersion ReasonForPartialInspection
annotation	documentation The optional PartialInspection element gives the rationale for a partial inspection. It should be used if the value of the InspectionMode element is FAI_Partial and may be used for any other partial inspection.

element **PreInspectionTraceabilityType/NotableEvents**

diagram	
type	NotableEventsType
properties	minOcc 0 maxOcc 1 content complex
children	NotableEvent
annotation	documentation The optional NotableEvents element is a list of notable events associated with the inspection.

element **PreInspectionTraceabilityType/InspectionSoftwareItems**

diagram	
type	<u>InspectionSoftwareItemsType</u>
properties	minOcc 0 maxOcc 1 content complex
children	<u>InspectionProgramGenerationSoftware</u> <u>InspectionProgramExecutionSoftware</u> <u>AnalysisSoftware</u> <u>CADSoftware</u> <u>DMESoftware</u>
annotation	documentation The optional InspectionSoftwareItems element is a list of information describing the software to be used in model creation, inspection and data analysis.

element **PreInspectionTraceabilityType/InspectionProgram**

diagram	
type	InspectionProgramType
properties	minOcc 0 maxOcc 1 content complex
children	File Description FormalStandard Author
annotation	documentation The optional InspectionProgram element gives information about a program (such as a CMM program) to be used to in the inspection.

element **PreInspectionTraceabilityType/SecurityClassification**

diagram	
type	SecurityClassificationType
properties	minOcc 0 maxOcc 1 content complex
children	SecurityClassificationEnum OtherSecurityClassification
annotation	documentation The optional SecurityClassification element gives the security classification of the inspection report.

element **PreInspectionTraceabilityType/PlantLocation**

diagram	
type	LocationType
properties	minOcc 0 maxOcc 1 content complex

children	LocationDescription Address					
attributes	Name id	Type QIFIdType	Use required	Default	Fixed	Annotation documentation The id attribute is the QIF id of the location, used for referencing.
annotation	documentation The optional PlantLocation element gives information about the location of the plant where the inspection was performed.					

element **PreInspectionTraceabilityType/ReferencedQIFPlanInstance**

diagram						
type	QPIdFullReferenceType					
properties	content complex					
children	ItemQPId DocumentQPId					
annotation	documentation The ReferencedQIFPlanInstance element identifies the plan that was used in preparing this file.					

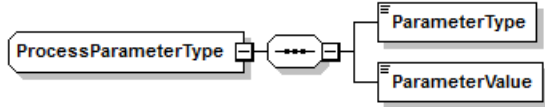
element **PreInspectionTraceabilityType/ReferencedQIFPlan**

diagram						
type	xs:NMTOKEN					
properties	content simple fixed ThisFile					
annotation	documentation The ReferencedQIFPlan element indicates that the QIF Plans file that was used in preparing this file is the one in this file.					


element **PreInspectionTraceabilityType/FormalStandard**

diagram						
type	FormalStandardType					
properties	content complex					
children	FormalStandardEnum OtherFormalStandard					
annotation	documentation The FormalStandard element is the standard against which the inspection characteristics are to be evaluated.					

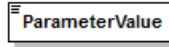
complexType ProcessParameterType

diagram	
children	ParameterType ParameterValue
used by	element ManufacturingProcessTraceabilityType/ProcessParameter
annotation	documentation The ProcessParameterType defines the type and value of a process parameter.

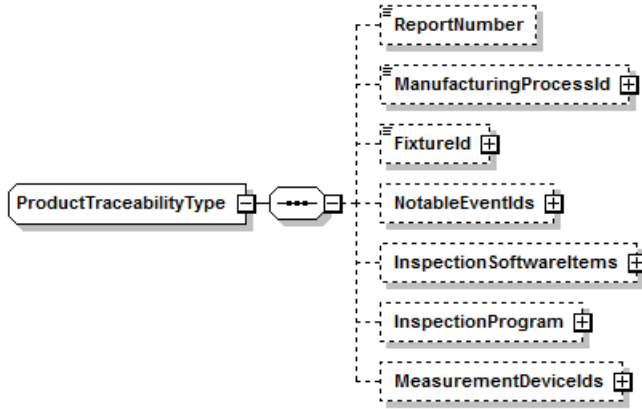
element ProcessParameterType/ParameterType

diagram	
type	xs:string
properties	content simple
annotation	documentation The ParameterType defines the type of the process parameter.

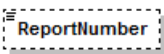
element ProcessParameterType/ParameterValue

diagram	
type	xs:string
properties	content simple
annotation	documentation The ParameterValue is the value of the process parameter.

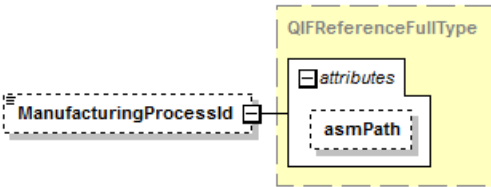
complexType ProductTraceabilityType

diagram	
children	ReportNumber ManufacturingProcessId FixtureId NotableEventIds InspectionSoftwareItems InspectionProgram MeasurementDeviceIds
annotation	documentation The ProductTraceabilityType defines traceability information for a part or assembly.

element **ProductTraceabilityType/ReportNumber**

diagram	
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation The optional ReportNumber element is the number to be assigned to the report corresponding to the reported data. If AS9102A forms are being used, this may be used as the value of the FAI (First Article Inspection) Report Number field.

element **ProductTraceabilityType/ManufacturingProcessId**

diagram						
type	QIFReferenceFullType					
properties	minOcc 0 maxOcc 1 content complex					
attributes	Name asmPath	Type QIFIdType	Use	Default	Fixed	Annotation documentation The optional asmPath attribute is an id which must be used for locating of the assembly path within the AsmPaths. The assembly path (instantiation chain) unambiguously identifies a model entity within an assembly.
annotation	documentation The optional ManufacturingProcessId element is a reference to the traceability information for the manufacturing process to be used to create the product.					

element **ProductTraceabilityType/FixtureId**

diagram						
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type	QIFReferenceFullType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	Annotation
	asmPath	QIFIdType				documentation The optional asmPath attribute is an id which must be used for locating of the assembly path within the AsmPaths. The assembly path (instantiation chain) unambiguously identifies a model entity within an assembly.
annotation	documentation The optional FixtureId element is a QIF reference to a fixture defined to be used in the setup of a measurement plan.					

element **ProductTraceabilityType/NotableEventIds**

diagram						
type	ArrayReferenceFullType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
children	Id					
attributes	Name	Type	Use	Default	Fixed	Annotation
	N	NaturalType	required			documentation The required N attribute shows how many Id elements are present in this array.
annotation	documentation The optional NotableEventIds element is a list of QIF ids of notable events.					

element **ProductTraceabilityType/InspectionSoftwareItems**

diagram	
type	InspectionSoftwareItemsType
properties	minOcc 0 maxOcc 1 content complex
children	InspectionProgramGenerationSoftware InspectionProgramExecutionSoftware AnalysisSoftware CADSoftware DMESoftware
annotation	documentation The optional InspectionSoftwareItems element is a list of software to be used in the inspection.

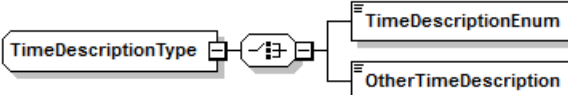
element **ProductTraceabilityType/InspectionProgram**

diagram	
type	InspectionProgramType
properties	minOcc 0 maxOcc 1 content complex
children	File Description FormalStandard Author
annotation	documentation The optional InspectionProgram element gives information about a program (such as a CMM program) to be used to inspect the product.


element **ProductTraceabilityType/MeasurementDevicelds**

diagram						
type	ArrayReferenceFullType					
properties	minOcc	0	maxOcc	1	content	complex
children	Id					
attributes	Name N	Type NaturalType	Use required	Default	Fixed	Annotation documentation The required N attribute shows how many Id elements are present in this array.
annotation	documentation The optional MeasurementDevicelds element is a list of references to the measurement devices to be used in the inspection.					


complexType **TimeDescriptionType**

diagram	
children	TimeDescriptionEnum OtherTimeDescription
used by	element EnvironmentType/TimeDescription
annotation	documentation The TimeDescriptionType defines the time, relative to the inspection, at which the environment data are measured.

element **TimeDescriptionType/TimeDescriptionEnum**

diagram			
type	TimeDescriptionEnumType		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	INSPECTION_START	
	enumeration	INSPECTION_END	
	enumeration	INTERMEDIATE	
annotation	<div>documentation</div> <div>The TimeDescriptionEnum element describes an often-used relative time.</div>		

element **TimeDescriptionType/OtherTimeDescription**

diagram	
type	xs:string
properties	content simple
annotation	documentation The OtherTimeDescription element gives a relative time in natural language.

simpleType **InspectionModeEnumType**

type	restriction of xs:string		
properties	base xs:string		
used by	elements InspectionTraceabilityType/InspectionMode PreInspectionTraceabilityType/InspectionMode		
facets	Kind	Value	Annotation
	enumeration	FAI_Full	
	enumeration	FAI_Partial	
	enumeration	100Percent	
	enumeration	APQP	
	enumeration	KPC	
	enumeration	PPAP	
annotation	documentation The InspectionModeEnumType enumerates values that describe the first article inspection mode. For an AS9102A application, allowable values are FAI_Full for a full first article inspection or FAI_Partial for a partial first article inspection.		

simpleType **InspectionScopeEnumType**

type	restriction of xs:NMTOKEN									
properties	base xs:NMTOKEN									
used by	elements InspectionTraceabilityType/InspectionScope PreInspectionTraceabilityType/InspectionScope									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>DETAIL</td><td></td></tr><tr><td>enumeration</td><td>ASSEMBLY</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	DETAIL		enumeration	ASSEMBLY	
Kind	Value	Annotation								
enumeration	DETAIL									
enumeration	ASSEMBLY									
annotation	<p>documentation</p> <p>The InspectionScopeEnumType enumerates values that describe the first article inspection scope. For an AS9102A application, allowable values are DETAIL and ASSEMBLY.</p>									

simpleType **TimeDescriptionEnumType**

type	restriction of xs:NMTOKEN		
properties	base xs:NMTOKEN		
used by	element	TimeDescriptionType/TimeDescriptionEnum	
facets	Kind	Value	Annotation
	enumeration	INSPECTION_START	
	enumeration	INSPECTION_END	
	enumeration	INTERMEDIATE	
annotation	documentation The TimeDescriptionEnumType enumerates values that describe the time, relative to the inspection, at which the		

	environment data are measured. INTERMEDIATE means between INSPECTION_START and INSPECTION_END.
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