

# Schedule and Tasks IDS checks for EVM and ES validation

EVA\_POC\_20250628\_w\_Completion.ifc  
2025-08-13 10:14:48

## Summary

76%

Fail

Specifications passed: 1 / 5

Requirements passed: 2 / 14

Checks passed: 93 / 121

### IfcRelSequence, IfcTask Successor

The IfcRelSequence should contain the attributes  
RelatingProcess and RelatedProcess

100%

Pass

6

Checks passed: 12 / 12

Elements passed: 6 /

#### Applicability

- All IFCRELSEQUENCE data

#### Requirements

- The RelatingProcess shall be provided
- The RelatedProcess shall be provided

### IfcTaskTime must contain populated Schedule start and schedule finish as well as status date and Completions

Checking whether the tasks have TaskTime with  
populated Schedule start and ScheduleFinish

81%

Fail

Checks passed: 26 / 32

Elements passed: 5 / 8

#### Applicability

- All IFCTASKTIME data

#### Requirements

- The ScheduleStart shall be provided

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTaskTime	None	0R8sFKnQb2mg7MRPlyJikF	None	None	None
IfcTaskTime	None	3GcqOXftPAnwFfg6KMpT\$e	None	None	None
IfcTaskTime	None	3sI1b1S3X0hPoMcLiyZfrE	None	None	None
IfcTaskTime	None	3a5A4CaM57f0B1dox1eL9d	None	None	None
IfcTaskTime	None	2EAY5jY\$f83gAE7iY1J_BI	None	None	None
IfcTaskTime	None	1GMKo7vqLDHPpU\$0hunImL	None	None	None
IfcTaskTime	None	2f\$9hdzuv5p0Shb8tv0pm1	None	None	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTaskTime	None	0xv06jPgjAwv3Fwuvv\$pgH	None	The attribute value "None" is empty	None	None

2. The ScheduleFinish shall be provided

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTaskTime	None	0R8sFKnQb2mg7MRPlyJikF	None	None	None
IfcTaskTime	None	3GcqOXftPAnwFfg6KMpT\$e	None	None	None
IfcTaskTime	None	3sI1b1S3X0hPoMcLiyZfrE	None	None	None
IfcTaskTime	None	3a5A4CaM57fOB1dox1eL9d	None	None	None
IfcTaskTime	None	2EAY5jY\$f83gAE7iY1J_BI	None	None	None
IfcTaskTime	None	1GMKo7vqLDHPPU\$0hunImL	None	None	None
IfcTaskTime	None	2f\$9hdzuv5p0Shb8tvOpm1	None	None	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTaskTime	None	0xv06jPgjAwv3Fwuvv\$pgH	None	The attribute value "None" is empty	None	None

3. The StatusTime shall be provided

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTaskTime	None	0R8sFKnQb2mg7MRPlyJikF	None	None	None
IfcTaskTime	None	3GcqOXftPAnwFfg6KMpT\$e	None	None	None
IfcTaskTime	None	3sI1b1S3X0hPoMcLiyZfrE	None	None	None
IfcTaskTime	None	3a5A4CaM57fOB1dox1eL9d	None	None	None
IfcTaskTime	None	2EAY5jY\$f83gAE7iY1J_BI	None	None	None
IfcTaskTime	None	1GMKo7vqLDHPPU\$0hunImL	None	None	None
IfcTaskTime	None	2f\$9hdzuv5p0Shb8tvOpm1	None	None	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTaskTime	None	0xv06jPgjAwv3Fwuvv\$pgH	None	The attribute value "None" is empty	None	None

4. The Completion shall be provided

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTaskTime	None	0R8sFKnQb2mg7MRPlyJikF	None	None	None
IfcTaskTime	None	3GcqOXftPAnwFfg6KMpT\$e	None	None	None
IfcTaskTime	None	3sI1b1S3X0hPoMcLiyZfrE	None	None	None
IfcTaskTime	None	2EAY5jY\$f83gAE7iY1J_BI	None	None	None
IfcTaskTime	None	2f\$9hdzuv5p0Shb8tvOpm1	None	None	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTaskTime	None	3a5A4CaM57fOB1dox1eL9d	None	The attribute value "None" is empty	None	None
IfcTaskTime	None	1GMKo7vqLDHPPU\$0hunImL	None	The attribute value "None" is empty	None	None
IfcTaskTime	None	0xv06jPgjAwv3Fwuvv\$pgH	None	The attribute value "None" is empty	None	None

# Schedule ES IDS

These specifications validate whether after the analysis the ES Metrics are present in the IfcTask and IfcSchedule



**Fail** 10 Checks passed: 28 / 40 Elements passed: 7 /

## Applicability

- All IFCTASK data

## Requirements

- AT data shall be provided in the dataset EPset\_Earned\_Schedule

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57fOB1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tv0pm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LATjEP1U	None

- ES data shall be provided in the dataset EPset\_Earned\_Schedule

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57fOB1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tv0pm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LATjEP1U	None

- SPI(t) data shall be provided in the dataset EPset\_Earned\_Schedule

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57f0B1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tvOpm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LATJEP1U	None

4. SV(t) data shall be provided in the dataset EPset\_Earned\_Schedule

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57f0B1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tvOpm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LATJEP1U	None

## Schedule EVA IDS

Schedule EVA



**Fail** Checks passed: 21 / 30 Elements passed: 7 / 10

### Applicability

- All IFCTASK data

### Requirements

- Status Date data shall be provided in the dataset EPset\_Earned\_Value

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57f0B1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tvOpm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LATJEP1U	None

2. BAC data shall be provided in the dataset EPset\_Earned\_Value

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57f0B1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tvOpm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LATJEP1U	None

3. BCWS (PV) data shall be provided in the dataset EPset\_Earned\_Value

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 2	None	1GMKo7vqLDHPpU\$0hunImL	None
IfcTask	NOTDEFINED	Wall Phase 1	None	3sI1b1S3X0hPoMcLiyZfrE	None
IfcTask	NOTDEFINED	Plaster	None	3GcqOXftPANwFfg6KMpT\$e	None
IfcTask	NOTDEFINED	facade Decorative Coat - Phase 1	None	3a5A4CaM57f0B1dox1eL9d	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 1	None	2f\$9hdzuv5p0Shb8tvOpm1	None
IfcTask	NOTDEFINED	Facade Polystyrene - Phase 2	None	2EAY5jY\$f83gAE7iY1J_BI	None
IfcTask	NOTDEFINED	Wall Phase 2	None	0R8sFKnQb2mg7MRPlyJikF	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTask	NOTDEFINED	Wall with Plaster work schedule	None	The required property set does not exist	0xv06jPgjAwv3Fwuvv\$pgH	None
IfcTask	NOTDEFINED	Facade Polystyrene	None	The required property set does not exist	0\$qV79TxLB1RP2TLT0aRrQ	None
IfcTask	NOTDEFINED	facade Decorative Coat	None	The required property set does not exist	3adXgb5IH5Jh59LAtJEP1U	None

## Specification #2

85%

**Fail** Checks passed: 6 / 7 Elements passed: 6 / 7

### Applicability

- Data where the IsCritical is provided

### Requirements

- The IsCritical shall be {'enumeration': ['False', 'True']}

Class	PredefinedType	Name	Description	GlobalId	Tag
IfcTaskTime	None	0R8sFKnQb2mg7MRPlyJikF	None	None	None
IfcTaskTime	None	3GcqOXftPANwFfg6KMPt\$e	None	None	None
IfcTaskTime	None	3sI1b1S3X0hPoMcLiyZfrE	None	None	None
IfcTaskTime	None	3a5A4CaM57f0B1dox1eL9d	None	None	None
IfcTaskTime	None	1GMKo7vqLDHppU\$OhunImL	None	None	None
IfcTaskTime	None	2f\$9hdzuv5p0Shb8tvOpm1	None	None	None

Class	PredefinedType	Name	Description	Warning	GlobalId	Tag
IfcTaskTime	None	2EAY5jY\$f83gAE7iY1J_BI	None	The attribute value "False" does not match the requirement	None	None