Signature with ER validaton (signature preservation test)

1. Open https://ec.europa.eu/digital-building-blocks/DSS/webapp-demo/validation

2. Locate to the **"Signature preservation"** directory in the downloaded archive

3. Provide **"xades-detached.xml"** file within "Signed File" input field in the webpage form

4. Provide **"sample.xml"** file within "Original file(s)" input field in the webpage form

5. Open "More options" menu in the webpage form

6. Provide **"evidence-record-detached.xml"** file within "Evidence Record(s)" input field in the webpage form

7. Click **"Submit"**

Validate a signature

Privacy notice: Please note that by using the below functionality of the DSS demonstration, your files are going to be transmitted to the infrastructure of the European Commission. With your action to do so, you consent to this transmission of data and **we strongly advise you to use documents that do not contain sensitive material.** Files that have been transmitted are not retained.

Signed file   **1**   Choose File   No file chosen   **xades-detached.xml**

Original file(s)   **2**   Choose Files   No file chosen   **sample.xml**

Send original file(s) as   ◉ Complete documents
    ○ SHA1   ○ SHA256   ○ SHA384   ○ SHA512

More options

Validation level   Validation process for Signatures with Archival Data (recommended) ⇕

Validation time (optional)   mm/dd/yyyy --:-- --

Validation policy   ◉ Default validation policy

    ○ Custom validation constrains file   Choose File   No file chosen

Signing Certificate   Choose File   No file chosen   ⓘ

Adjunct Certificates   Choose Files   No file chosen   ⓘ

Evidence Record(s)   **3**   Choose Files   No file chosen   **evidence-record-detached.xml**

Certificates   ☐ ⓘ

Timestamps   ☐ ⓘ

Revocation data   ☐ ⓘ

User-friendly identifiers   ☑ ⓘ

Semantics   ☐ ⓘ

4   Submit   Clear

Simple report:

Signature SIGNATURE_Aleksandr-Beliakov_20231107-1155

Qualification:	QESig ⓘ
Signature format:	XAdES-BASELINE-LT
Indication:	TOTAL_PASSED ✓
Certificate Chain:	🔗 **Aleksandr Beliakov**
	🔗 LuxTrust Global Qualified CA 3 🇱🇺 ➡ LuxTrust S.A. ⓘ
	🔗 LuxTrust Global Root 2
On claimed time:	2023-11-07 11:55:23 (UTC)
Best signature time:	2023-11-08 13:41:34 (UTC) ⓘ
Signature position:	1 out of 1
Signature scope:	sample.xml (FULL)
	Full document

Timestamps 1

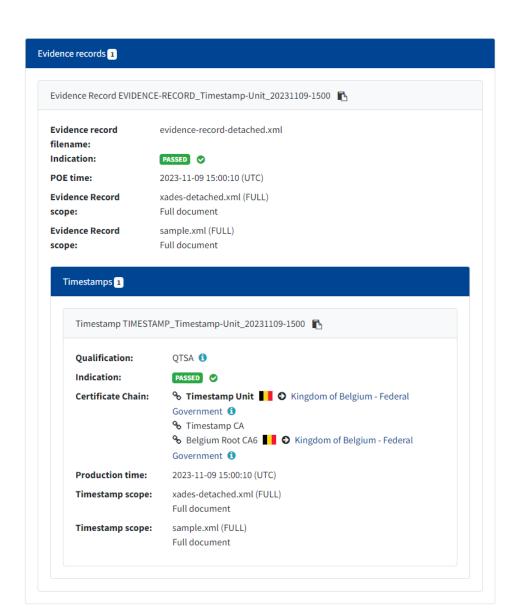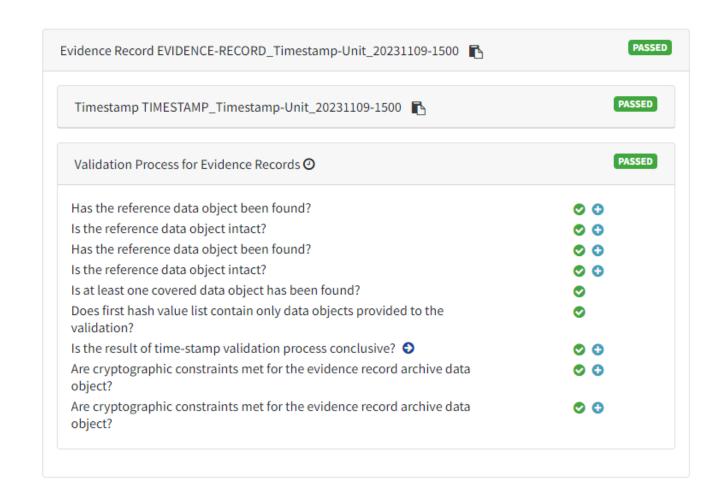**Evidence records** 1

Document Information

Signatures status:	1 valid signatures, out of 1
Document name:	X-B-B-DETACHED-1-extended-xades-baseline-lt.xml

Simple report:

Detailed report:

Evidence Record EVIDENCE-RECORD_Timestamp-Unit_20231109-1500 📄   `PASSED`

Timestamp TIMESTAMP_Timestamp-Unit_20231109-1500 📄   `PASSED`

Validation Process for Evidence Records 🕐   `PASSED`

Has the reference data object been found?	✓ ⊕
Is the reference data object intact?	✓ ⊕
Has the reference data object been found?	✓ ⊕
Is the reference data object intact?	✓ ⊕
Is at least one covered data object has been found?	✓
Does first hash value list contain only data objects provided to the validation?	✓
Is the result of time-stamp validation process conclusive? ➡	✓ ⊕
Are cryptographic constraints met for the evidence record archive data object?	✓ ⊕
Are cryptographic constraints met for the evidence record archive data object?	✓ ⊕

Diagnostic Data:

```xml
<EvidenceRecords>
    <EvidenceRecord Id="EVIDENCE-RECORD_Timestamp-Unit_20231109-1500">
        <DocumentName>evidence-record-detached.xml</DocumentName>
        <Type>XML Evidence Record</Type>
        <StructuralValidation valid="true"/>
        <DigestMatchers>
            <DigestMatcher type="EVIDENCE_RECORD_ARCHIVE_OBJECT" documentName="xades-detached.xml">
                <DigestMethod>SHA256</DigestMethod>
                <DigestValue>MrzcUbGqXnH4D0GMzkjnDs/jFigJv3aj5Sen3hxSO+8=</DigestValue>
                <DataFound>true</DataFound>
                <DataIntact>true</DataIntact>
            </DigestMatcher>
            <DigestMatcher type="EVIDENCE_RECORD_ARCHIVE_OBJECT" documentName="sample.xml">
                <DigestMethod>SHA256</DigestMethod>
                <DigestValue>8AzgcURkeZDp/DL2CgdfJVCpi8HUm73bbsUj79VEIhA=</DigestValue>
                <DataFound>true</DataFound>
                <DataIntact>true</DataIntact>
            </DigestMatcher>
        </DigestMatchers>
        <EvidenceRecordTimestamps>
            <FoundTimestamp Timestamp="TIMESTAMP_Timestamp-Unit_20231109-1500"/>
        </EvidenceRecordTimestamps>
```