BYLAWS (“NEBENORDNUNG”) FOR THE OSPT REGARDING THE CERTIFICATION OF CIPURSE PRODUCTS

ospt™ ALLIANCE

1. Definitions

"OSPT" means the OSPT – Open Standard for Public Transportation Alliance e.V.

"Articles of Association" means the Articles of Association of the OSPT, as amended from time to time.

"Member" or "Associate Member" means Member or Associate Member of the OSPT as defined in § 3.1 of the Articles of Association.

"Licensee" shall mean a Member who is entitled to implement the Specification. This may be a Member who is granted such license under § 12.2 b) (i) of the Articles of Association or any other party, including an Associate Member, who has obtained such license after a decision of the OSPT in accordance with § 12.2 c) Sentence 3 of the Articles of Association.

"Specification", "Implementing", "Product" shall have the meaning as defined in § 12.1 of the Articles of Association.

"Certified Product" means a Product that has been certified in accordance with the provisions set forth in these bylaws and the certificate which has not been revoked.

2. Purpose and Scope

2.1 The purpose of the compliance certification is to ensure global interoperability between Products of different Licensees of the OSPT.

2.2 Products shall be certified prior to being sold to end users as being compliant to the Specification. No Product shall be marketed and offered for sale to end-users without having been certified.

2.3 For the avoidance of doubt, certification for CIPURSE compliance does not include certification for compliance with industry standards like ISO, Global Platform, JavaCard, ETSI, etc. Furthermore consumer electronic standards or emission control, etc. like FCC, CE or UL are not tested either. Certifications required by local laws, national certifications etc. are not carried out. All such certifications will have to be performed by Licensee in addition.

3. Certification

3.1 Certification of products will be performed by the OSPT together with third parties (for example, test laboratories) that have been authorized by the OSPT. Upon request of any Licensee, the OSPT will provide said Licensee with a list of third parties authorized to perform the certification.

3.2 Certification shall be performed in accordance with a test suite released by the OSPT based on the Specification. The OSPT may also define and provide reference Product(s) to be used for compliance testing of Products.

3.3 The certification process is outlined in more detail in the attachment No. 1 to these bylaws regarding the certification of Products.

3.4 A Product becomes a Certified Product if it successfully has passed the certification procedure. The OSPT may, at its entire and unlimited discretion, revoke a certificate if it becomes apparent that a Certified Product does not, in fact, conform to the Specification and/or if the Specification is revoked.

3.5 The cost for the certification shall be borne by the Licensee who submits a Product for certification.

4. Fee

The applicable fees for certification of Products are published on the OSPT web page.

5. Labeling

5.1 Certified Products shall be labeled with one of the following word marks or logos:

"CIPURSE™ Certified"

5.2 The OSPT hereby grants all Licensees the non-exclusive, worldwide and royalty free right to label Certified Products with the aforementioned trademarks. For the avoidance of doubt, the license shall automatically end when a Product ceases to be a Certified Product and/or, with respect to any party, if said party ceases to be a Licensee.

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ATTACHMENT 1

CIPURSE Certification Process

ospt™ ALLIANCE

Certification Process

1. The certification process, defined by the OSPT Alliance for certification of Products will be performed by OSPT together with third party testing laboratories authorized by the OSPT ("Test lab").

2. Overview and Responsibilities

   The certification process consists of the following four parts:

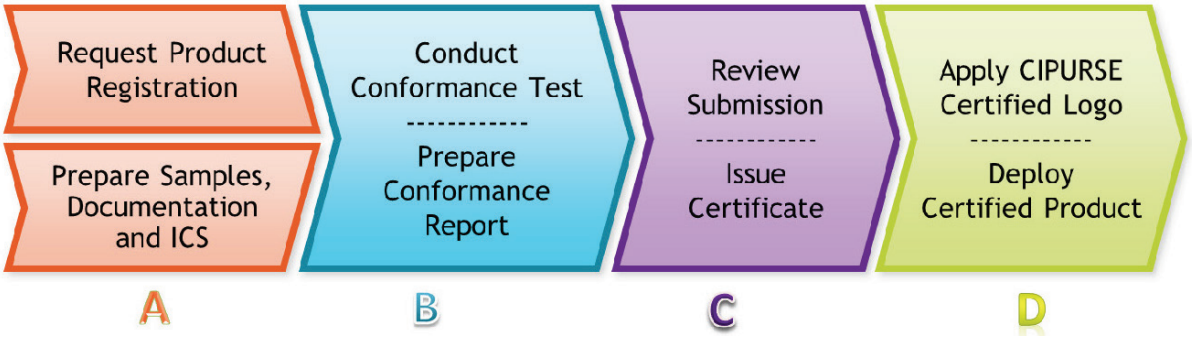


   Figure 1: CIPURSE certification process overview

   A. After contacting the authorized Test Lab for Product registration, the Licensee is responsible for providing the requested number samples of the Product and the documentation.

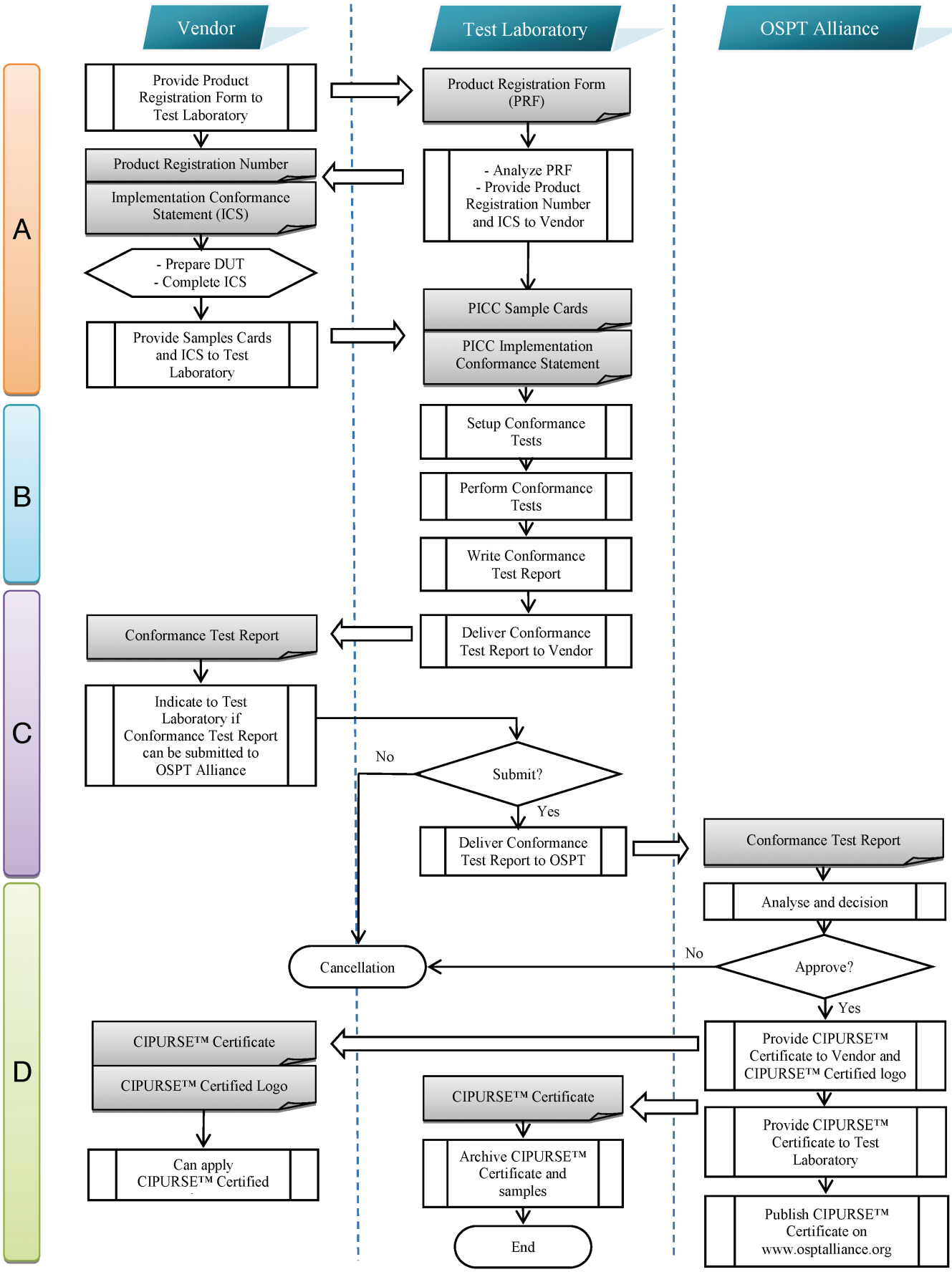
   B. The Test Lab will conduct conformance testing to verify compliance of the Product with the applicable CIPURSE Specification. After the conformance test has been passed, the Test Lab will prepare a Conformance report with the results of the conformance testing.

   C. OSPT will review the Conformance report and if the conformance testing has verified compliance of the Product to the Specifications, OSPT grants the Certificate to Licensee.

   D. Licensee deploys CIPURSE Certified Products.

3. Details of the Certification Process

   Flowchart on next page illustrates the interactions between the Licensee, the Test Lab and the OSPT that are required to complete the certification process:


Vendor
Test Laboratory
OSPT Alliance
A
B
C
D
Provide Product Registration Form to Test Laboratory
Product Registration Form (PRF)
Product Registration Number
Implementation Conformance Statement (ICS)
- Analyze PRF
- Provide Product Registration Number and ICS to Vendor
- Prepare DUT
- Complete ICS
PICC Sample Cards
PICC Implementation Conformance Statement
Provide Samples Cards and ICS to Test Laboratory
Setup Conformance Tests
Perform Conformance Tests
Write Conformance Test Report
Conformance Test Report
Deliver Conformance Test Report to Vendor
Indicate to Test Laboratory if Conformance Test Report can be submitted to OSPT Alliance
No
Submit?
Yes
Deliver Conformance Test Report to OSPT
Conformance Test Report
Analyse and decision
Cancellation
No
Approve?
Yes
CIPURSE™ Certificate
CIPURSE™ Certified Logo
Provide CIPURSE™ Certificate to Vendor and CIPURSE™ Certified logo
CIPURSE™ Certificate
Provide CIPURSE™ Certificate to Test Laboratory
Can apply CIPURSE™ Certified
Archive CIPURSE™ Certificate and samples
Publish CIPURSE™ Certificate on www.osptalliance.org
End

3.1. Part A: Registration and configuration assessment

Licensee must complete a Product Registration Form. The Test Lab analyzes the document and provides Licensee with a Product Registration Number (PRN), which uniquely identifies the certification session for the Licensee's Product.

3.2. Part B: Conformance Test Session

The CIPURSE™ Conformance Test Session is done as a "single shot," which means that the Licensee's Products are clearly identified and the tests performed only once. Licensee does not participate in the test session.

3.3. Part C: Issuance of CIPURSE Certificate

After performing the conformance test, the Test Lab notifies Licensee of a positive or negative result with the Lab report. Licensee then decides on one of the following options and informs the Test Lab:

3.3.1. Submission to OSPT of the Lab Report.

3.3.2. Restarting the certification with appropriate corrections. This is managed by the Test Lab and the Licensee with a new Product Registration Number.

3.3.3. Cancellation of product certification. In this case, the Test Lab does not provide the Lab Report to OSPT.

3.3.4. If OSPT receives a Lab report confirming compliance of the Product to the Specifications, OSPT reviews the documents and issues the Certificate to Licensee.

3.4. Part D: Deployment

After issuing the Certificate to the Vendor, OSPT publishes the new CIPURSE Product on its web site at: www.osptalliance.org/certification.

Licensee may apply the CIPURSE Certified logo to its CIPURSE Products during commercial deployment.