

CC-Link IE Conformance Test Regulation

CC-Link Partner Association (CLPA) prescribes for the CC-Link IE Conformance Test regarding partners' products as follows.

1. Application Sphere

1.1 This regulation is applied to materials/ devices prepared by partner companies, test items, reports on test results, and issues of certificates of the Conformance Tests prescribed by the "CC-Link Partner Association Membership Agreement".

1.2 The Conformance Test is the evaluation test to confirm whether partners' products are compatible to CC-Link or not. Please refer to the "CC-Link Partner Association Membership Agreement", "Standards of Conformance Statement".

This test does not guarantee the qualities of their products.

1.3 Partners should pay for the cost. Please refer to the "CC-Link Partner Association Membership Agreement".

2. Materials and devices to be submitted by partners

	Submission	Details	Remarks
Materials	Conformance Test Application form	-Original of application form filled in properly and signed -In CC-Link IE Field Network Basic , the request book which was output from Test Tool (CSV file)	For details to the application form
	Results on the conformance test by partners	-Results on the each conformance test items *1 (partners) -In CC-Link IE Field Network Basic , the request book which was output from Test Tool (CSV file)	
	A set of programs for the test * 2	-Sequential program -Product original program	Sequential program should be submitted in CD or DVD
	A set of instructions * 2	-Operation manuals of products -How to deal with troubles	Mainly for the communication dealings
Devices	Products * 2	-Two sets	Used test
	Devices to connect with products * 2	-One set (Input/Output devices which must be connected in the test)	In case they are indispensable in the communication (Can be discussed)
CSP+ (Control&Communication System Profile)		Partners provide	

* 1 : Partners and CLPA should discuss in case partners are not available to test any items, which should be done at their side, due to the facility difficulties.

* 2 : It is not necessary in CC-Link IE Field Network Basic.

Delivery address

CLPA will inform of the delivery address when the date of conformance test is settled.

CC-Link IE Conformance Test Regulation	BAP-C0401ENG-034-C	CC-Link Partner Association
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3. Conformance Test Specifications

The test method and judgment standard should be based on the following documents:

- 3.1 CC-Link IE Controller Network
CC-Link IE Controller Network Conformance Test Specification BAP-C0401-027
- 3.2 CC-Link IE Field Network
CC-Link IE Field Network Master/Local Station Conformance Test Specification BAP-C0401-036
CC-Link IE Field Network Intelligent Device Station Conformance Test Specification BAP-C0401-037
- 3.3 CC-Link IE Field Network Basic
CC-Link IE Field Network Basic Master Station Conformance Test Specification BAP-C0401-044
CC-Link IE Field Network Basic Slave Station Conformance Test Specification BAP-C0401-045
- 3.4 CC-Link IE Safety
CC-Link IE Safety Conformance Test Specification BAP-C0401-043
- 3.5 CC-Link IE TSN
CC-Link IE TSN Conformance Test Specifications Master/Local Station (Twist Pair Cable) BAP-C0401ENG-048
CC-Link IE TSN Conformance Test Specification Remote Station (Twist Pair Cable) BAP-C0401ENG-049

4. Conformance Test Result and Certificate

- 4.1 As for the conformance test result, "Conformance Test report" should be sent to partners.
- 4.2 The improved conformance test result should be added on the report. The partner and CLPA should discuss about the points.
- 4.3 The conformance test certificate should be issued on condition that the product passes all test items.

5. Instructions of CC-Link IE Safety Conformance Test

It is necessary to be the product which passed either Conformance Test of CC-Link IE Controller Network, CC-Link IE Field Network, CC-Link IE Field Network Basic to take CC-Link IE Safety Conformance Test.

6. Others

- 6.1 Partners should inform CLPA if their CC-Link compatible products were modified (modifications of printed-circuit board, attached parts). The procedure should be discussed between partners and CLPA.

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