Adhésifs pour canalisations thermoplastiq
Thermoplastic piping adhesives
CERTIFIÉ CSTB CERTIFIED

CERTIFICATION

Addendum No. 1 to the Certifié CSTB Certified certification reference system:

“Thermoplastic piping adhesives”

Identification No.: QB 16
Revision No.: 01
Addendum No. 1, approved by CSTB Technical Management on: 23/05/2017
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CSTB has established a collective QB certification mark that will eventually take the place of the Certifié CSTB Certified mark.

This addendum modifies the "Thermoplastic piping adhesives" certification reference system so that, from now on in this reference system, the QB mark shall replace the Certifié CSTB Certified mark. Nevertheless, the transition period has been defined to enable all holders to make changes to product markings as well as communication and/or sales materials. These transition procedures are outlined in Paragraph 2.6.

In addition, this addendum includes new measures applicable to the Certifié CSTB Certified "Thermoplastic piping adhesives" certification reference system revision No. 1 (inclusion of Standard ISO 9001 version 2015).

It was approved by CSTB Technical Management on 23/05/2017 and will be applied from 12/06/2017.

MODIFICATIONS MADE TO THE ADDENDUM TO THE Certifié CSTB Certified "Thermoplastic piping adhesives" CERTIFICATION REFERENCE SYSTEM revision No. 1:

Part modified	Type of modification made
Article § 3.5. of the Certifié CSTB Certified EP12 reference system	Cancels and replaces Article 3.5 of the Certifié CSTB Certified "Thermoplastic piping adhesives" certification reference system revision No. 1: ➢ Inclusion of Standard NF EN ISO 9001 revision 2015
Part 4 Marking in the Certifié CSTB Certified EP12 reference system	Cancels and replaces Part 4 Marking in the Certifié CSTB Certified "Thermoplastic piping adhesives" certification reference system revision No. 1, ➢ Procedures for transition to the QB mark

2.5. Quality management provisions: audit reference system

2.5.1. PURPOSE

Applicants/holders shall implement all necessary means to guarantee that the products comply with this certification reference system at all times. In addition, they must ensure the control of their external service providers using all methods to assess all the component elements of a product or external service(s) for which they are the applicant or holder of the right to use the certification mark.

This paragraph sets the minimum provisions that the applicant/holder must implement in terms of quality management to ensure that the products are manufactured respecting the certification reference system at all times.

The quality system depends in part on the establishment by the applicant/holder of a set of organisational measures ensuring conformity of the delivered products with the standards and complementary specifications, if applicable. These measures are described in Paragraph 2.5.2 below.

2.5.2. MINIMUM REQUIREMENTS FOR QUALITY MANAGEMENT

Applicants/holders shall have implemented the ways and means that they possess, the existence and effectiveness of which have been assessed based on the requirements of Standard NF EN ISO 9001:

– NF EN ISO 9001 revision 2008 (applicable until 15 September 2018); and

– NF EN ISO 9001 revision 2015 (applicable as of 15 September 2015).

If the manufacturing unit is not NF EN ISO 9001-certified, the applicant/holder must justify the introduction of a range of organisational provisions and a production control system to control conformity with the standards and complementary specifications for the delivered products that meet at least the requirements in this certification reference system.

The audits are carried out according to Table 1, as follows. This table indicates the specific requirements in Standard NF EN ISO 9001 that must be verified in the context of the certification.

Within the framework of an audit, all the necessary requirements identified on the shaded lines in Table 1 below shall be audited. All the other requirements pertaining to quality management shall be audited over a period of 3 years.

Possible reduction:

If the manufacturing unit has a certified quality management system that conforms to Standard NF EN ISO 9001, the audits may be “reduced”. Only the requirements identified on a “shaded” line in Table 1 are to be audited. This simplification reduces the audit time.

This reduction can be envisaged as long as:

– the ISO 9001 certificate includes within its scope and domain the sites and activities covered by the certification mark; and

– the ISO 9001 certificate is issued by a certifying body accredited by the COFRAC or by a member of the EA (European cooperation for Accreditation) or by a member of the IAF (International Accreditation Forum) - see signatories on the COFRAC website www.cofrac.fr, and

– the last ISO 9001 audit report from the body is forwarded to CSTB prior to the body’s audit or is examined during the body’s audit.

Table 1 (Applicable requirements)

§ ISO 9001: 2008	§ ISO 9001: 2015	REQUIREMENTS	MINIMUM EVIDENCE EXPECTED	APPLICABLE
5. Management responsibility				
5.5.1 / 5.5.2.	5.3.	Organisational roles, responsibilities and authorities	* Organisation chart * Description of responsibilities and authorities (examples: organisation chart, job sheets, etc.) * Person appointed to be responsible for organising and efficiently implementing the production system	■ <To be used for persons responsible for the inspection or with a direct impact on critical points in making the product.> All the items except: * ISO 9001 V15: § 5.3 c,d
7. Support				
6.4.	7.1.4.	Environment for the implementation of processes	Evidence of the maintenance of the work environment. Examples: storage of a product and its components to protect them from bad weather, suitable ambient conditions, etc.	■ <To be used for processes linked to the production of the products / execution of the services>
7.6.	7.1.5.	Monitoring and measuring resources	* List of the inspection, measuring and test equipment used on the product/service production site and/or in the laboratory * Identification of the equipment used to determine its validity * Planning for the verification or calibration of the equipment having an impact on the validity of the results (particularly the equipment used to perform tests on certified characteristics) * Evidence of the verification and/or calibration operations (ex: equipment data sheet, verification or calibration report, etc.) * Evidence of connection to national or international standards (where possible) * Validation of software used to monitor and measure the specified requirements, where appropriate	■ <To be used for processes linked to the production of the products / execution of the services>
§ ISO 9001: 2008	§ ISO 9001: 2015	REQUIREMENTS	MINIMUM EVIDENCE EXPECTED	APPLICABLE
6.2.	7.2.	Expertise	* Compliance with test methods and inspection provisions * Actions planned to acquire the necessary skills (training, tutoring, etc.), where appropriate	■ <To be used for persons responsible for the inspection or with a direct impact on critical points in making the product.>

8. Operation				
§ ISO 9001: 2008	**§ ISO 9001: 2015**	**REQUIREMENTS**	**MINIMUM EVIDENCE EXPECTED**	**APPLICABLE**
7.4.	8.4.	Control of externally provided products and services	* List of service providers * Contract/order defining the requirements of the applicant for / holder of the certification * Evidence of the verification of raw materials, components ***(1)***, services purchased * Evidence of the verification of subcontracting conditions: transport, handling, tests ***(2)***, etc.	■ <To be used for raw materials, bought-in components and external services affecting the quality of the product/service > <u>External providers:</u> * supplier of raw materials, components, services integrated into the product/service * subcontractor of external services (ex: tests, handling, transport, etc.) *<u>(*) Specific case of applicants/holders subcontracting part of their production</u>* *CSTB audits the subcontractors (as provided for in the certification reference system)* All the items except: * ISO 9001 v08: § 7.4.1. * ISO 9001 v15: § 8.4.1.
7.5.1 / 7.5.2.	8.5.1.	Control of production and service provision	* Information defining the characteristics of products and services. Examples: product plan / description of the service, etc. * Information defining the activities to be carried out and the results to be obtained Examples: operating method(s), working instruction(s), test method(s), certification reference system (expected performance) * Monitoring and measurement activities Examples: Monitoring plan, inspection procedures and instruction(s), test method(s), etc. * Conservation of documented information proving the conformity of products/services with the acceptance criteria (*same as § 8.2.4. ISO 9001 v08 and § 8.6. ISO 9001 v14)*	■
7.5.3.	8.5.2.	Identification and traceability	* Identification/Marking of the product in accordance with the requirements in the Certification reference system *Marking of commercial documents in accordance with the requirements of this Certification Reference System	■ To be used in all cases for identification (and for traceability, if relevant)

§ ISO 9001: 2008	§ ISO 9001: 2015	REQUIREMENTS	MINIMUM EVIDENCE EXPECTED	APPLICABLE
7.5.5.	8.5.4.	Preservation of the product	Verification that the product is preserved throughout the production line (identification, handling, storage, packaging, transport, etc.)	■
-	8.5.6.	Control of changes in production / service provision	* Evidence of control pertaining to the modifications in the manufacturing process / service provision, particularly the impact of modifications on the product's performance ***(3)***: - reviewing the modifications, - person permitting modifications and all the necessary related actions.	■
8.2.4.	8.6.	Release of products and services	* Provisions for the control of products; records of the results of inspections and conformity with the acceptance criteria ***(4)*** * Name of the persons responsible for releasing the finished products / services	■
8.3.	8.7.	Control of non-compliant components	* Provisions for processing non-conformities, including customer complaints, and implementation of these provisions ***(5)*** * No dispensation granted as regards the performance of a certified characteristic	■
9. Performance evaluation				
5.6.	9.3.	Management review	Management review report	■
10. Improvement				
8.5.2.	10.2.	Nonconformity and corrective action	* Implementation of corrective actions to deal with non-conformities pertaining to a certified product as well as customer complaints ***(6)*** * Effectiveness of the actions taken	■

(1) Inspecting product components

Applicants/holders are required to inspect all components used in the manufacture of their certified products upon reception and, in all cases, prior to use.

The "reception" internal quality assurance operation specified by the applicant/holder shall cover:

– the inspection methods for products upon reception that assess conformities and/or regularities in relation to the expected characteristics,

– including, as applicable, collection rules for product samples.

This verification covers all quality control actions carried out by the supplier. For example: compliance sheet issued after a systematic inspection prior to delivery, which the applicant/holder

requires the supplier to perform; supplier certified according to Standard NF EN ISO 9001 for relevant products or certified supplies; etc.

(2) Subcontracting tests

Applicants/holders may subcontract the tests to an external laboratory, on the condition that a contract or an order is put in place. Subcontracting is only possible if the following conditions are met:

- subcontracting the tests does not result in a disruption to the production process (due to wait time for results, for example);
- the conditions for subcontracting tests are formalised in the contract or order and must define the applicable test method, the testing frequency, the requested wait times for results, the notification of results in writing, the procedure in the case of non-compliant results and the type of equipment used;
- the subcontractors' laboratory where the test is carried out must be accredited according to Standard NF EN ISO/CEI 17025, otherwise the party requesting the test (holder of the certification mark) must ensure that the equipment used is compliant (calibration, test configuration, etc.) and the staff carrying out the test have the necessary skills.

(3) Approach to the assessment of the complementary requirement in Standard ISO 9001 version 2015 compared to Standard ISO 9001 version 2008

Within the framework of the Product Certification audit, the only complementary requirement referred to concerns the requirements of § 8.5.6 in Table 1: "Control of changes in production / service provision".

If the applicant/holder does not comply with this requirement, the auditor shall notify as follows:

- suggested improvement (if the fact occurred prior to 15/09/18)
- a deviation (if the fact is subsequent to 15/09/18).

(4) Inspection during production and on finished products

The applicant/holder shall possess the necessary ways and means for the checks and tests defined by the standards, reference documents and complementary specifications mentioned in Paragraph 2.2 of this reference system. The applicant/holder commits to carrying out reliable and regular verification of their production.

<u>During production</u>

An in-production inspection must be organised by the applicant/holder. This concerns the product in its intermediate states at the main stages of manufacturing and the review inspection of the set points of the production equipment (production machines, tooling).

Verification instructions shall be formalised and made available to the operators. The results of those verifications shall be recorded upon each check. If the results of the verifications indicate that the product does not meet the requirements of this Certification Reference System, the necessary corrective actions must be implemented immediately.

<u>On finished products</u>

Applicants/holders are required to verify the characteristics of the finished products before delivery and are responsible for putting this check in place. The checks and tests of finished products

manufactured by the applicant/holder are carried out according to the standards and complementary specifications mentioned in this certification reference system.

The various controlled characteristics are measured using the operating procedures specified in the reference standards mentioned in Paragraph 2.2 of this certification reference system.

The checks on finished products are carried out by the applicants/holders themselves in their own manufacturing plants.

Applicants/holders shall take random samples at the end of the production line and carry out the checks and tests on these samples. The samples taken must be representative of the dimensions of the products covered by this certification reference system.

The method for collecting the samples required for testing must be clearly specified in the applicant's/holder's quality plan and must not be left to the sole discretion of the operator.

Applicants/holders shall record the results of the previous checks. Should the results of the normal inspections prove to be insufficient, the latter shall be heightened and the causes of failure shall be identified in order to remedy this by supplementing the production inspections, where appropriate.

(5) Provisions for processing non-conformities

These notably include:

- an analysis for identifying the cause of the anomaly,
- an analysis to determine the impact of the anomaly on production since the previous inspection,
- management ensuring that the implementation of the corrective actions is effective,
- in the unlikely event that non-compliant products are delivered to a customer, the latter shall be notified immediately so that appropriate measures can be taken.

(6) Customer complaints

The customer complaint record is audited; to do this, holders shall keep:

- a record of all the complaints and appeals pertaining to products covered by this certification reference system;
- a record of the corrective measures adopted when the complaints have revealed a production anomaly.

The holder shall be able to show the auditor extracts from these records relating to complaints that involve products covered by this certification reference system.

2.6. Marking – General provisions

The Specific Committee has set the effective date for replacing the Certifié CSTB Certified mark with the QB mark:

- for marking certified products, product packaging and the products' accompanying documents: 31/12/2018,
- for communication material or sales documents: 31/12/2018.

The marking procedures during this transition period are defined in Paragraphs 2.6.1. to 2.6.5.

Marking is an integral part of the certification of a product.

Beyond the identification of a certified product and its traceability, the marking of a product with the logo of the collective certification mark ensures optimal protection for users and protects holders against wrongful use and counterfeits.

It is not, under any circumstances, permitted to refer to the QB mark without having obtained the right to use said certification mark or to submit counterfeit products for certification.

The reproduction or use of CSTB logos is only authorised through strict application of the QB graphic chart and with support of the right of use, authorised by a valid certificate or with the prior consent of CSTB.

In addition, mentioning the main certified characteristics is intended to make the technical characteristics covered by the mark transparent to consumers and users. It therefore adds value to the certification and its content.

The purpose of the marking rules described hereafter is to guide the holder in complying with regulatory requirements and certification requirements. The General Requirements of the QB mark define the conditions of use, the conditions of validity of the right to use the QB mark and the procedures for penalties in the case of wrongful use.

Without prejudice to the penalties provided for in the QB mark General Requirements, any incorrect declaration of the certified characteristics and any fraudulent use of the QB logo will result in legal action against the holder for deceptive marketing.

2.6.1. THE QB LOGO

The QB logo will ensure the identification of each certified product throughout the transition period and shall ensure this identification beyond the transition period.

The holder undertakes to respect the graphic charter of the QB mark. The QB logo and its graphic charter are available from the application manager.

The certified product must have a distinct designation and identification from non-certified products.

The holder shall not use the QB logo except to single out certified products without there being any risk of confusion whatsoever with other products, especially non-certified products.

To prevent any confusion between certified products and non-certified products, applicants/holders must ensure that the trade names used are not identical or similar (for example: "Prod+" for a certified product and "Prod" for a non-certified product).

It is recommended that the holder remit to CSTB, in advance, any marking projects or material upon which the certification mark appears.

If the product cannot be marked for technical reasons, CSTB must be contacted to determine a common marking rule.

2.6.2. THE MARKING PROCEDURES

This section describes both the terms for affixing the QB logo and the marking of certified characteristics.

The requirements of Article R 115-2 of the Consumer Code stipulate that marking must comply with the provisions outlined in the following paragraphs and, whenever possible, include the following information:

Thermoplastic piping adhesives

http://evaluation.cstb.fr

List of certified characteristics set out in the reference system

It is recommended that consumers be informed about the primary reasons for and advantages of using a certified product. The certified characteristics must appear on at least one of the supports (product, packaging or communication media).

2.6.3. Marking of certified products

All certified products manufactured after the date indicated on the approval of the right to use the QB mark (via an admission or extension procedure) and which comply with the requirements of this Certification Reference System, must be marked, at a minimum, with the mark logo (unless not possible for technical reasons).

During the transition period, certified products can be marked with:

1 the QB mark logo; or

2 the Certifié CSTB Certified mark logo.

At the end of the transition period, only the marking of the QB mark logo will be authorised on certified products.

Marking shall be carried out in a permanent, legible and indelible way on the pipes and fittings, with the indications specified in Part 4 of each technical document.

Note: If there is a code for identifying the product, the code must be given to CSTB.

2.6.4. Marking on the packaging of the certified product or on the product's accompanying document (if applicable)

All packaging for certified products or accompanying documents must include all the marking components defined in Paragraph 2.6.2.: mark logo, name of the application, reference to the website and list of certified characteristics, if possible.

During the transition period, the packaging for certified products or accompanying documents can be marked with:

1 the QB mark logo; or

2 the Certifié CSTB Certified mark logo.

At the end of the transition period, only the marking of the QB mark logo will be authorised on the packaging or the accompanying documents of certified products.

2.6.5. Marking on communication material and documentation (sales and technical documents, posters, advertisements, websites, etc.)

The generic use of the QB mark through its reproduction in the holders' correspondence is forbidden, unless the holder has the right to use the QB mark for all of its products.

References to the QB mark in communication material or documentation must be made in a way that does not allow for any confusion between certified products and other products. These references must include all the marking components defined in Paragraph 2.6.2.: mark logo, name of the application, reference to the website and list of certified characteristics if possible.

During the transition period, documentation can make reference to:

1 the QB mark logo; or

2 the Certifié CSTB Certified mark logo; or

3 the QB mark logo associated with the logo of the Certifié CSTB Certified mark.

At the end of the transition period, only the marking of the QB mark logo will be authorised on the communication media and documentation.

For the French market, this information must be provided in French (Law No. 94-665 of 4 August 1994, relative to the use of the French language). If necessary, information can be written in one or several other languages.

For the proper interpretation of this paragraph, the holder is advised to submit to CSTB, in advance, all communication materials and documentation in which the certification mark is expected to be used.