

WATER DISTRIBUTION OR DRAINAGE PIPES**Technical document**
08-05 Non-traditional

Heating and/or domestic distribution
and/or distribution of chilled water –
Renovation procedures for water
distribution systems

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The English version is provided for information. In case of doubt or dispute, the French version only is valid.

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MODIFICATION HISTORY

Revision No.	Application date	Modifications
00	16/11/2018	Update to the document layout and reference Content modifications: Creation of technical document following transition of the products covered by this document to traditional status

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The requirements and provisions specified in this Technical Document will be updated in the case of new components or products.

1. CERTIFIED CHARACTERISTICS

The characteristics listed below will comply with the specifications given in the corresponding Technical Appraisals.

Procedures for renovation using PE piping:

- Mechanical properties of the pipe,
- Physical and chemical properties of the constituent materials,
- Leaktightness (implementation procedures),
- Implementation control and self-check procedures,
- Any additional properties given in the Technical Appraisal.

2. VERIFICATION REGIME

The following principles must be respected:

- a start-of-work declaration for each worksite conducted must be addressed to CSTB (HES/CFM division) together with a file including the elements relative to manufacture of the pipe and implementation.
- a quality control of the components used and their implementation is performed by audits at the production site for non-certified products conducted by CSTB (HES/CFM division) and on ongoing or completed worksites conducted by the (HES/CFM division).

In principle, verification is carried out on a half-yearly basis during the first 3 years following admission, then annually. Exemptions may be granted for these conditions according to on-going projects or completed worksites.

3. MARKING

3.1. Pipes

The pipes must be indelibly marked at least every metre.

This marking must include at least the following elements:

- the identification of the holder,
- identification of the plant,
- material,
- the origin of the material in accordance with the NF 114 mark reference system,
- the dimensions (DN and th),
- nominal pressure,
- drinking water application,
- manufacturing references allowing production traceability (date and batch No.).

3.2. Installation, via rating plate

This plate must include at least the following elements:

- the name of the procedure,
- the worksite references allowing full traceability,
- the number of the Technical Appraisal,
- the QB logo followed by the two last parts of the certificate number.