Information on products certified with Nordic Poly Mark

2020-01-10

EN ISO 11298-3
Plastics piping systems for renovation of underground water supply networks

Differences between **INSTA-CERT SBC EN ISO 11298-3 certification rules** and standard **EN ISO 11298-3**

Additional requirements in certification rules:

- The pipes shall be manufactured from an INSTA-CERT certified PE-resin.
- Consideration shall be taken to national regulations on effect on water quality, DK-VAND or/and a FI mark

Excluded from the INSTA-CERT certification scheme:

- None

More information www.nordicpolymark.com and www.insta-cert.net

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Nordic Poly Mark
The INSTA-CERT certification scheme, with the quality mark Nordic Poly Mark, safeguards the traditions and wishes of the end-users regarding a high-quality level and a long service lifetime for pipe and pipe systems in the Nordic countries. The certification scheme was established in 2004 by certification bodies (INSTA-CERT), test institutes, end-users and manufacturers in Finland, Norway, Sweden and Denmark.

Important elements of the certification scheme:

- Third party control
- Rules for internal control
- Rules for corrective actions

Product, marked with Nordic Poly Mark or with a documented quality from producers with a control system at the same level, is commonly used as requirement in local norms, guidelines and in tender documents.

Documents
The product standards describe tests and requirements that the products must fulfil.

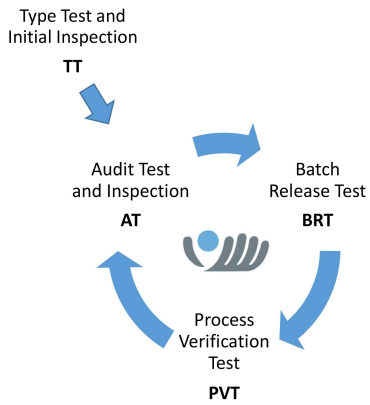
The Rules for Certification, the INSTA-CERT SBCs, determine also the control schemes and if relevant, choice of classes and requirements in the product standard, and additional tests with requirements.

The general provisions for certification are found in the document General Rules for Certification, INSTA-CERT Rules of Certification (GRC) and more can be found at www.insta-cert.net.

The certification process
A certificate covers only one manufacturer and products from one production site.
All manufacturers are obliged to follow the steps described below to get and maintain the certificates on their products.

Non-conformity
Procedures for corrective actions are compulsory and certificates may be withdrawn if requirements in SBCs are not fulfilled. The test scheme is described in detail in the INSTA-CERT SBC in question.

Certification process



Type Testing and Initial Inspection are the start of the certification process.
Type testing **(TT**) is performed by an accredited test laboratory.
The initial inspection shall be performed by an approved and accredited inspection body.
The scope is extensive regarding the test program for achieving a certificate.

Batch Release Test (BRT) is performed by the manufacturer at the start-up and during a production run. For example, measurements, colour, marking and other short-term tests to ensure correct process parameters and material quality.

Process Verification Test (PVT) is performed by the manufacturer according to the defined sampling frequency on samples from the whole product range. These tests are more time consuming and more complex, for example 1000 hours testing of material and product quality, tightness tests and ring stiffness test.

Inspection and audit test (AT)
Audit inspection shall be performed twice per year by an approved inspection body. The audit inspection includes review of the manufacturers BRTs and PVTs, checking of the testing equipment, calibration, random surveillance of quality system routines and selection of products to be tested.

Audit testing is performed by an approved testing institute on the products selected.