



NDT film processing system

Certificate N°: **BAM/ZBF/005/16**
2nd revised version

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Hereby it is certified by the BAM Certification Body that the usage of the
NDT film processing chemistry XR D-1.5 NDT and **XR D-6 NDT developer** (new
formula since 07/2016) and **XR F-1.5 NDT** and **XR F-6 NDT fixer** (new formula
since 07/2016)

of the manufacturer

DÜRR NDT GmbH & Co. KG
74321 Bietigheim-Bissingen
Germany

in automated NDT development machines with immersion time of 100 s and developer
temperature of 28 °C (8 min NDT standard cycle)

meets the following requirements:

film system class		film type
DIN EN ISO 11699-1:2012	ASTM E 1815-18	manufacturer: Carestream
C3	I	MX125
C4	I	T200
C5	II	AA400

The above-mentioned industrial X-ray film types, chemistry and development conditions (mixed system) meet the film system classes as certified by the film manufacturer in its own chemistry (pure film system) according to the table above (see test reports No. 8.3/8044 d, e, f of 2016-05-30). The correct development conditions shall be monitored by pre-exposed process monitor control strips of the film manufacturer according to DIN EN ISO 11699-2:2012 or DIN EN ISO 11699-2:2018 in regular intervals. The certified values of the film manufacturer for Industrex Single Part developer at 26°C shall be used as reference values for the above DÜRR NDT chemistry at 28 °C.

The certification is performed on the basis of certification contract N° **BAM-ZBF-0021-2020-DÜRR**, according to standard ISO/IEC 17065:2012 and comprises a design type test (BAM Certification System I). Procedure BZS-GS/034/22 forms the basis of this revised version. The products certified by BAM may be labeled with the BAM certification mark „BAM Baumustergeprüft“ and/or “BAM Design-type tested“ together with the certificate number.

The certificate is valid until 22nd October 2024.

Bundesanstalt für Materialforschung und -prüfung (BAM)
Unter den Eichen 87, 12205 Berlin, **2022-10-01**

By order

Dr. J. Sunderkötter
BAM Certification Body



Dipl.-Ing. B. Redmer
BAM Assessor

Distribution list:: 1st Certificate holder

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CERTIFICATE