CR imaging Plate System

Certificate N°: BAM/ZBF/006/16
1st Revised version

BAM
Bundesanstalt für Materialforschung und -prüfung

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Hereby it is certified by the BAM Certification Body that the

Industrial CR Imaging Plate System

with the designation

SCANX DISCOVER HR using

Imaging Plates UH-IP

of the certificate holder

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

meets the requirements of the highest system class IP 1 / 30 according to EN 14784-1:2005 and ISO 6371-1:2011 for industrial computed radiography with imaging plates for non-destructive testing, if the exposure dose is at minimum 15,7 mGy. This dose corresponds to a CEN speed and ISO speed of 64 at a scanner pixel size of 20 µm. CR system performance level II according to ASTM E 2446-16 is fulfilled at an ISO speed of 320. The maximum basic spatial resolution is 30 µm. Other system classes (CEN/ISO: IP 2 / 30 to IP 6 / 30) can be reached with lower exposure dose values (see test report No. 8.3/7830 of 2015-09-24). The spider net graph with the summery of the CR system characterization according to ASTM E 2446-16 is presented on the back-side of this certificate. Procedure N° BZS-GS/040/19 forms the basis of this 1st revision version.
The certification is performed on the basis of certification contract N° **BAM-ZBA-0001-2006-Dürr, 2nd revised version,** according to standard ISO/IEC 17065:2012 and comprises a design type test (BAM Certification System I).
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 18 October 2023.

for Bundesanstalt für Materialforschung und -prüfung (BAM)
Unter den Eichen 87,12205 Berlin, **2019-10-19**

Dr. R. Schmidt
BAM Certification Body

Bundesanstalt für Materialforschung und -prüfung BAM *7*

Dipl.-Ing. B. Redmer
BAM Assessor

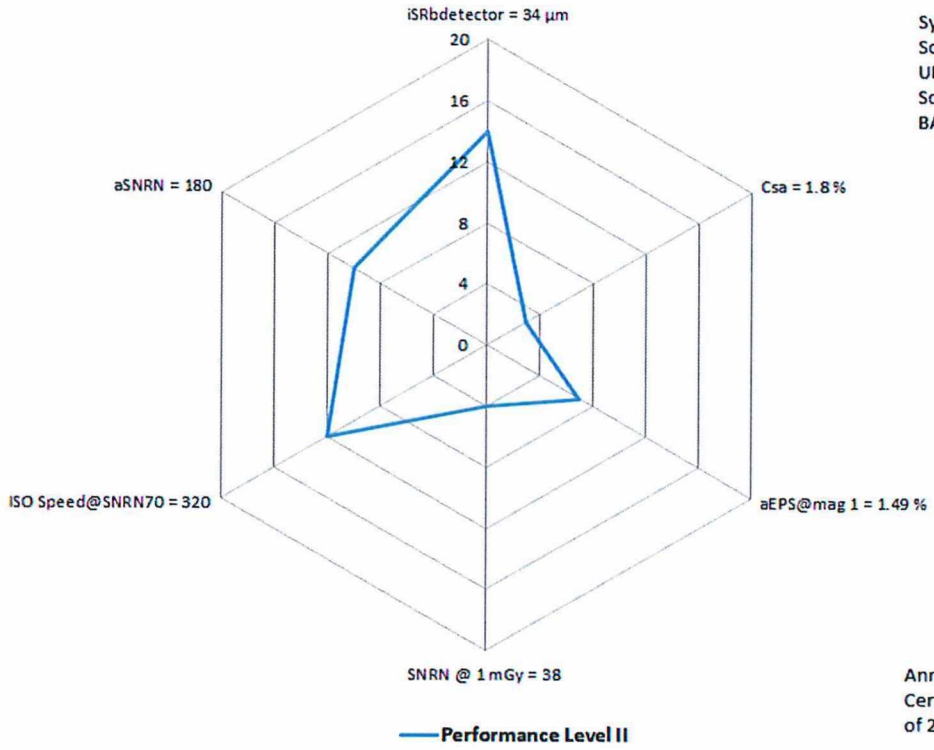
Distribution list: 1st Certificate holder 2nd BAM Certification Body

The BAM Certification Body has been accredited according to standard ISO/IEC 17065:2012 by the DAkkS (Deutsche Akkreditierungsstelle GmbH). The accreditation is valid for the scope given in certificate D-ZE-11075-21-00.

CERTIFICATE

Qualification of ScanX Discover HR with UH-IP imaging plates according to ASTM E 2446-16:

BAM



System parameters:
ScanX Discover HR reader unit
UH-IP imaging plates
Scan resolution 20 µm
BAM certified scanning mode

Annex to
Certificate BAM/ZBF/006/16
of 2019-10-19

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