BAM
Bundesanstalt für
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und -prüfung

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CR imaging plate system

Certificate N°: BAM/ZBF/003/14
1st Revised version

Hereby it is certified by the BAM Certification Body that the

Industrial CR imaging plate system

with the designation

HD-CR 35 NDT Plus using

imaging plates X HD-IP

of the manufacturer

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

meets the requirements of the highest system class IP 1 / 40 according to EN 14784-1:2005 and ISO 16371-1:2011 for industrial computed radiography with r imaging plates for non-destructive testing, if the exposure dose is at minimum 12,7 mGy. This dose corresponds to a CEN-Speed and ISO-Speed of 80 at a pixel size of 15,5 µm. The maximum basic spatial resolution is 40 µm. Other system classes (CEN/ISO: IP 2 / 40 to IP 6 / 40) can be reached with lower exposure dose values (see test report N° 8.3/7648b of 2014-04-28). The spider net graph with the summary of the CR system characterization according to ASTM E 2446-16 is presented on the back side of this certificate. Procedure No. BZS-GS/086/17 forms the basis of this 1st revised version.

The certification is performed on the basis of certification contract **No. BAM-ZBA-0001-2006-Dürr** 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 **4 May 2022.**

For Bundesanstalt für Materialforschung und -prüfung (BAM)
Unter den Eichen 87,12205 Berlin, **2018-05-05**

Dr. R. Schmidt
BAM Certification Body

Dr. U. Zscherpel
Assessor

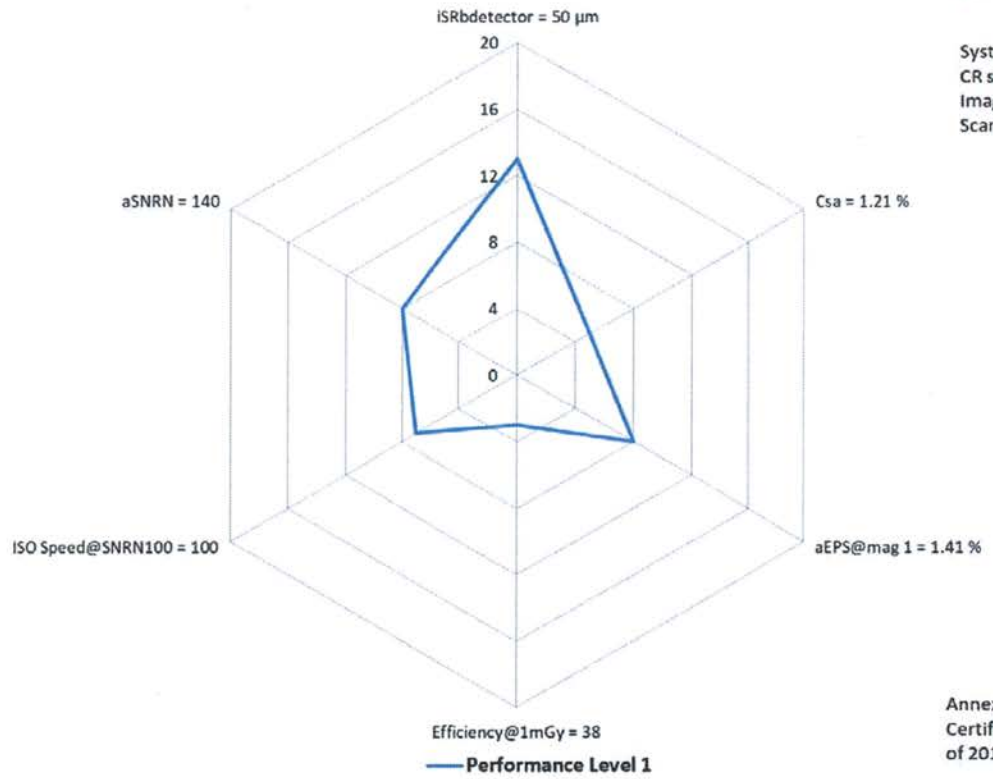
Distribution list: 1st Certificate holder 2nd BAM Certification Body

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 Duerr HD-CR 35 NDT Plus with X HD-IP imaging plates according to ASTM E 2446-16:

BAM



System parameters:
CR scanner Duerr HD-CR 35 NDT Plus
Imaging plates X HD-IP
Scan resolution 15,5 µm

Annex to
Certificate BAM/ZBF/003/14
of 2018-05-05