



CR imaging plate system

Certificate N°: **BAM/ZBF/003/14**
3rd revised version

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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 CR 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 in the annex of this certificate. Procedures No. BZS-GS/086/17, BZS-GS/007/22 and BZS-GS/034/22 form the basis of this 3rd revised version.

The certification is performed on the basis of certification contract No. **BAM-ZBF-0022-2020-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 labelled with the BAM certification mark „BAM Baumustergeprüft“ and/or “BAM Design-type tested“ together with the certificate number.

The certificate is valid until **31st December 2023**.

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

By order

Dr. J. Sunderkötter
BAM Certification Officer



Dipl.-Ing. B. Redmer
Assessor

Distribution list: 1st Certificate holder

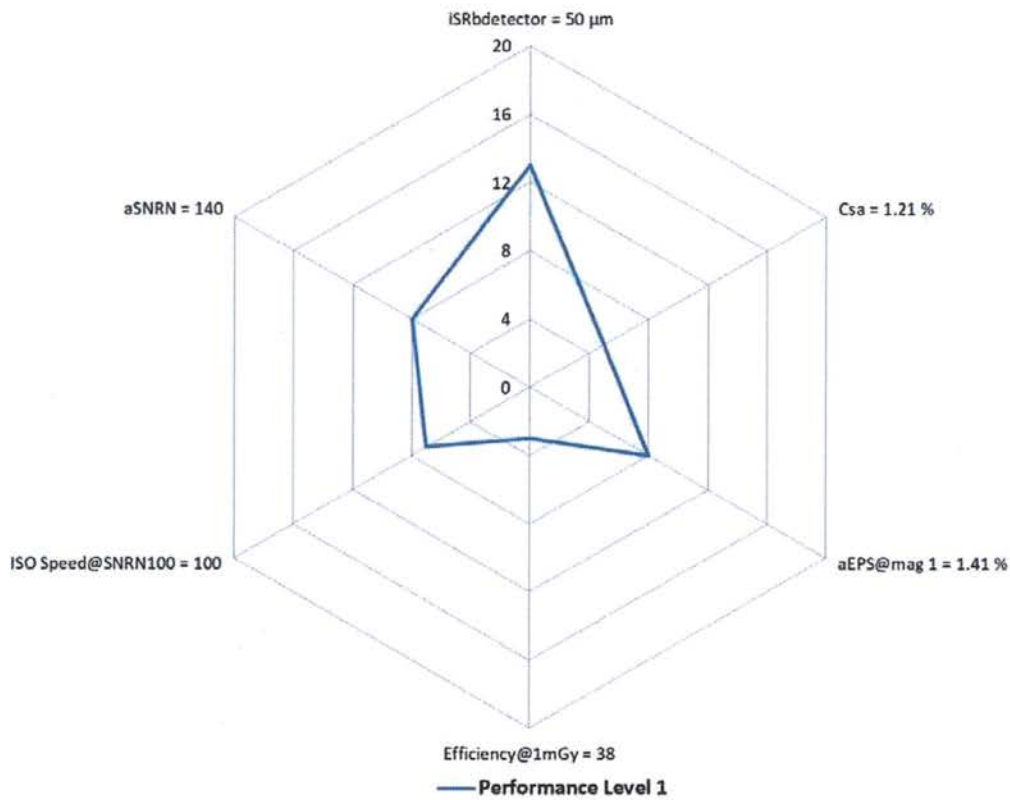
2nd BAM Certification Body

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Annex to Certificate BAM/ZBF/003/14 dated 2022-10-01:

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



System parameters:

CR scanner Duerr HD-CR 35 NDT Plus

Imaging plates X HD-IP

Scan resolution 15,5 µm

