

**BAM****Federal Institute for
Materials Research
and Testing**12200 Berlin, Germany
Phone: +49 30 8104-0
Fax: +49 30 8112029
Internet: www.bam.de**CR imaging plate system****Certificate N°: BAM/ZBF/003/15**

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 UH-IP**

of the manufacturer

**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 16371-1:2011 and IP Special / 30 according to ASTM E 2446-05(2010) for industrial computed radiography with phosphor imaging plates for non-destructive testing, if the exposure dose is at minimum 15.9 mGy. This dose corresponds to a CEN-Speed and ISO-Speed of 64 at a pixel size of 15 µm. The maximum basic spatial resolution is 30 µm. Other system classes (CEN/ISO: IP 2 / 30 to IP 6 / 30; ASTM: IP I / 30 to IP III / 30) can be reached with lower exposure dose values (see test report No. 8.3/7843 of 2015-05-25).

The certification is performed on the basis of certification contract N° BAM-ZBA-0001-2006-Dürr, 1st 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 27 May 2019.For BAM Bundesanstalt für Materialforschung und -prüfung
Unter den Eichen 87, 12205 Berlin, 2015-05-28Dr. T. Denkler
BAM Certification BodyDr. U. Ewert
AssessorDistribution list: 1st Certificate holder

2nd BAM Certification Body

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

This certificate may only be published in full wording and without any additions. A revocable written consent shall be obtained from BAM beforehand for any amended reproduction or the publication of any excerpts. The German version is legally binding, except an English version is issued exclusively. Place of jurisdiction is Berlin.

CERTIFICATE