



# BAM

Federal Institute for  
Materials Research  
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## CR imaging plate system

Certificate N°: BAM/ZBA/009/08

2<sup>nd</sup> 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**

**using imaging plates of type DÜRR NDT HD-IP Plus**

of the certificate holder

**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 and IP Special / 40 according to ASTM E 2446 for industrial computed radiography with phosphor imaging plates for non-destructive testing, if the exposure dose is at minimum 4.8 mGy. This dose corresponds to a CEN-Speed and ISO-Speed of 200 at a pixel size of 20 µm. The maximum basic spatial resolution is 40 µm. Other system classes (CEN: IP 2 / 40 to IP 6 / 40; ASTM: IP I / 40 to IP III / 40) can be reached with lower exposure dose values (see test report No. VIII.3/7159 dated 2010-12-09)

The certification is performed on the basis of certification contract N° BAM-ZBA-0001-2006-Dürr, 1<sup>st</sup> Revised version, according to standard DIN EN 45011 (1998) 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 **31 December 2012**.

For BAM Bundesanstalt für Materialforschung und –prüfung  
Unter den Eichen 87, 12205 Berlin, **2011-01-01**

Dr. R. Schmidt  
BAM Certification Body



Dr. U. Ewert  
Assessor

Distribution list: 1st Certificate holder

2nd BAM Certification Body

The BAM Certification Body has been accredited according to standard DIN EN 45011:1998 by the DGA mbH (Deutsche Gesellschaft für Akkreditierung mbH). The accreditation is valid for the scope given in certificate DGA-ZE-3998.00.

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CERTIFICATE