



BAM

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CR Imaging Plate System

Certificate N°: **BAM/ZBF/016/12**

Hereby it is certified by the BAM Certification Body that the

Industrial CR Imaging Plate System

with the designation

Carestream INDUSTREX HPX-1 using

Carestream INDUSTREX FLEX XL Blue imaging plates 5537

manufactured by

**Carestream Health Inc.
Rochester, NY
USA**

meets the requirements of the highest system class IP 1/50 according to EN 14784-1:2005 and ISO 16371-1:2011 and IP Special/50 according to ASTM E 2446-05 for industrial computed radiography with phosphor imaging plates for non-destructive testing, if the exposure dose is at minimum 12 mGy. This dose corresponds to a CEN-Speed and ISO-Speed of 80 at a maximum pixel size of 25 µm. The maximum basic spatial resolution is 50 µm. Other system classes (CEN: IP 2/50 to IP 6/50; ASTM: IP I/50 to IP III/50) can be reached with lower exposure dose values (see test report No. 8.3/7378a of 2012-10-16)

The certification is performed on the basis of certification contract N° BAM-ZBF-0005-2010-Carestream 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 **25 October 2017**.

On behalf of BAM Bundesanstalt für Materialforschung und -prüfung
Unter den Eichen 87, 12205 Berlin, **2012-10-26**

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 DAkkS (Deutsche Akkreditierungsstelle GmbH). The accreditation is valid for the scope given in certificate D-ZE-11075-21-00.

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CERTIFICATE

