



certificate
no. **MHHW 04 040**
dated **25.02.2010**

Fachausschuss Maschinenbau, Hebezeuge, Hütten-
und Walzwerksanlagen
Prüf- und Zertifizierungsstelle im BG-PRÜFZERT

Translation

BG Test Certificate

Name and address of the holder of the certificate: (customer) **NORGREN GmbH**
Stuttgarter Str. 120
70736 Fellbach

Name and address of the Manufacturer: - see above -

Product designation: **Press safety valve**

Type: **XS 20 - XS 32 - XS 50**

Intended purpose: Installation into mechanical presses in compliance with DIN EN 692

Testing based on:

- Principles for the testing and certification of presses (GS-MHHW-01), version 08/2007
- DIN EN ISO 13849-1:2007 „Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design“
- DIN EN ISO 13849-2:2003 „Safety of machinery - Safety-related parts of control systems - Part 2: Validation“
- DIN EN 692:2009 "Machine tools - Mechanical presses - Safety"

Test report: No. 038/2009 dated 22.02.2010

Remarks:

With the appropriate application, performance level "e" as specified in DIN EN ISO 13849-1 is achieved for the safety function "Pressure building up from ,1' to ,2' and pressure dropping from ,2' to ,3'".
The test certificate covers the press safety valve and the press safety valve with fitted safety silencer, manufacturer: NORGREN

- Follow-up certificate of testing no. 04 040 dated 01.09.2004 •

The type tested meets the requirements specified in article 4 para. 1 of the German Equipment and Product Safety Act. Thus, the type also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**). The holder of the certificate is entitled to affix the BG-mark shown overleaf to the products complying with the type tested, including the specification given under the heading 'remarks'.

The present certificate will become invalid at the latest on: **01.09.2014**

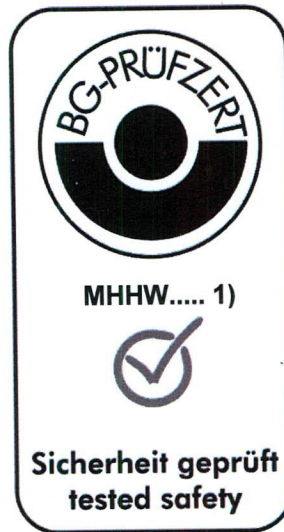
Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification of September 2008.

signed HEINKE

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(Dipl.-Ing. Heinke)

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Ref. of Testing and Certification Body

BG-mark



1) no. of certificate

Where additional details are given on the certificate, the BG-PRÜFZERT mark must be supplemented by additional wording reflecting said details. In such cases, the mark may look slightly different from the image shown here.
