Hessel Accreditation Schedule see highlight

DAkkS
Deutsche
Akkreditierungsstelle

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV
Signatory to the Multilateral Agreements of EA, ILAC and IAF for Mutual Recognition

Accreditation

The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

HESSEL Ingenieurtechnik GmbH
Am Münsterwald 3, 52159 Roetgen

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the following fields:

mechanical-technological tests on thermoplastics and evalution processes according long-term behaviour

The accreditation certificate shall only apply in connection with the notice of accreditation of 26.06.2020 with the accreditation number D-PL-11080-01. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.

Registration number of the certificate: **D-PL-11080-01-00**

Frankfurt am Main,
26.06.2020

Dipl.-Ing. (FH) Ralf Egner
Head of Division

Translation issued:
21.08.2020

Head of Division

The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
https://www.dakks.de/en/content/accredited-bodies-dakks

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). DAkkS is a signatory to the Multilateral Agreements for Mutual Recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations.

The up-to-date state of membership can be retrieved from the following websites:
EA: www.european-accreditation.org
ILAC: www.ilac.org
IAF: www.iaf.nu

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Annex to the Accreditation Certificate D-PL-11080-01-00 according to DIN EN ISO/IEC 17025:2005

Valid from: 26.06.2020

Date of issue: 21.08.2020

Holder of certificate:

HESSEL Ingenieurtechnik GmbH
Am Münsterwald 3, 52159 Roetgen

Tests in the fields:

mechanical-technological tests on thermoplastics and evalution processes according long-term behaviour

DIN EN 12814-3 2014-07	Testing of welded joints of thermoplastics semi-finished products - Part 3: Tensile creep test (including: *annex A.1:* *Full notch creep test (FNCT)* *annex A.2:* *Two notch creep test (2NCT)* *annex C:* *Minimum creep rupture time of the parent material (t_{tm}) for applicability of the long-term welding factor* *annex D:* *Testing of socket joint*)
DIN EN ISO 1133-1 2012-03	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method
PAS 1075 2009-04	Pipes made from polyethylene for alternative installation techniques - Dimensions, technical Requirements and Testing (here: *only annex A1 to A6*)
DVS 2203-4 1997-07	Testing of welded joints of thermoplastics plates and tubes - Tensile creep test

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Abbreviations used: see last page

The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
https://www.dakks.de/en/content/accredited-bodies-dakks

DVS 2203-4 Supplement 1 2001-12	Testing of welded joints of thermoplastic sheets and pipes - Tensile creep test - Testing of socket joints
DVS 2203-4 Supplement 2 2016-09	Testing of welded joints of thermoplastic sheets and pipes - Tensile creep test for resistance to slow crack growth in the full notch creep test (FNCT)
DVS 2203-4 Supplement 3 2015-03	Testing of welded joints of thermoplastic sheets and pipes - Tensile creep test - Checking the required tensile creep test weld strength reduction factor and the minimum service life of polyethylene welded joints (PE 80 and PE 100)
DVS 2203-4 Supplement 4 2016-09	Testing of welded joints of thermoplastic sheets and pipes - Tensile creep test for resistance to slow crack growth in the full notch creep test (2NCT)

Abbreviations used:

DIN	German Institute for Standardisation
DVS	German Welding Society
EN	European Standard
FNCT	Full Notch Creep Test
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
PAS	Publicly Available Specification

-Translation-

Valid from: 26.06.2020
Date of issue: 21.08.2020