

# Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the testing laboratory

**HSP Hochspannungsgeräte GmbH**  
**Camp-Spich-Straße 18, 53842 Troisdorf**

meets the requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the testing laboratory, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 13.12.2023 with accreditation number D-PL-19413-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 03 pages.

Registration number of the accreditation certificate: **D-PL-19413-01-00**

Berlin, 13.12.2023

Florian Burkart  
Head of Technical Unit

Translation issued:  
06.03.2024



Florian Burkart  
Head of Technical Unit

*The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH ([www.dakks.de](http://www.dakks.de)).*

# Deutsche Akkreditierungsstelle GmbH

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The Deutsche Akkreditierungsstelle GmbH (DAkkS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkkS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

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 Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: [www.european-accreditation.org](http://www.european-accreditation.org)

ILAC: [www.ilac.org](http://www.ilac.org)

IAF: [www.iaf.nu](http://www.iaf.nu)

**Annex to the Accreditation Certificate D-PL-19413-01-00**

The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

Test area	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Electrical engineering	IEC 60137:2017 EN 60137:2008	Insulated bushings for alternating voltages above 1000 V	All tests except artificial pollution thermal short-time and seismic tests
Electrical engineering	DIN EN 60137:2009	Insulated bushings for alternating voltages above 1000 V (IEC 60137:2008); German version EN 60137:2008	All tests except artificial pollution thermal short-time and seismic tests
Electrical engineering	IEC 60137:2017	Insulated bushings for alternating voltages above 1000 V	All tests except artificial pollution thermal short-time and seismic tests
Electrical engineering	DIN EN 60137:2018	Insulated bushings for alternating voltages above 1 000 V (IEC 60137:2017); German version EN 60137:2017	All tests except artificial pollution thermal short-time and seismic tests
Electrical engineering	IEC 62199:2004 EN 62199:2004	Bushings for d.c. application	
Electrical engineering	DIN EN 62199:2005	Bushings for d.c. application (IEC 62199:2004); German version EN 62199:2004	
Electrical engineering	IEC/IEEE 65700-19-03 Edition 1.0 2014-07	Bushings for d.c. application	All tests except artificial pollution tests
Electrical engineering	IEEE C 57.19.00:2004	Requirements and test procedures for outdoor apparatus bushings	
Electrical engineering	IEEE C 57.19.01:2000	Standard performance characteristics and dimensions for outdoor apparatus bushings	
Electrical engineering	IEEE C 57.19.03:1996	IEEE Standard requirements, terminology and test code for bushings for dc applications	
Electrical engineering	IEC 60060-1:2010 EN 60060-1:2010	High voltage test techniques. Part 1: General definitions and test requirements	U: 1800 kV AC LI: ± 3500 kV SI: ± 2500 kV U: ± 2200 kV DC Iac/dc: 10 kA

Valid from: 13.12.2023

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Test area	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Electrical engineering	DIN EN 60060-1:2011	High-voltage test techniques - Part 1: General definitions and test requirements (IEC 60060-1:2010); German version EN 60060-1:2010	U: 1800 kV AC LI: ± 3500 kV SI: ± 2500 kV U: ± 2200 kV DC Iac/dc: 10 kA
Electrical engineering	IEC 60270:2000 EN 60270:2000	High-voltage test techniques – Partial discharge measurement	
Electrical engineering	DIN EN 60270:2000	High-voltage test techniques - Partial discharge measurements (IEC 60270:2000 + Cor.:2001 + A1:2015); German version EN 60270:2001 + A1:2016; Corrigendum 1	
Electrical engineering	DIN EN 60270:2016	High-voltage test techniques - Partial discharge measurements (IEC 60270:2000 + Cor.:2001 + A1:2015); German version EN 60270:2001 + A1:2016	
Electrical engineering	IEC 60270 Ed 3.1 2015-11	High-voltage test techniques - Partial discharge measurements (IEC 60270:2000 + Cor.:2001 + A1:2015)	

**Abbreviations used:**

DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation