Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-K-18357-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from:	**08.04.2025**	**Valid to:**	**01.09.2027**
Date of issue:	08.04.2025		

Holder of accreditation certificate:

Instituto de Investigaciones y Control del Ejército (IDIC)
Av. Pedro Montt 2136, Santiago de Chile

with the location

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The calibration laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The calibration laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

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

Calibration in the fields:

Mechanical quantities

- **Force**

Permanent Laboratory

Calibration and Measurement Capabilities (CMC)

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded uncertainty of measurement	Remarks
Force Force transducers (tension and compression forces)	50 N to 1 kN	ISO 376:2011	0.02 %	1 kN force dead-weight machine (tension and compression forces)
	0.5 kN to 50 kN		0.05 %	50 kN comparator machine with reference force transducers of the capacity 5 kN, 10 kN, 20 kN and 50 kN (tension and compression forces)
	5 kN to 500 kN		0.05 %	500 kN comparator machine with reference force transducers of the capacity 50 kN, 100 kN, 200 kN and 500 kN (tension and compression forces)
	50 kN to 1 MN		0.05 %	3 MN comparator machine with reference force transducers of the capacity 500 kN and 1 MN (tension and compression forces)
	300 kN to 3 MN		0.1 %	3 MN comparator machine with reference force transducer of the capacity 3 MN (tension and compression forces)

Abbreviations used:

CMC	Calibration and Measurement Capabilities
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