The Appendix is an integral part of
Certificate of Accreditation No: 74/2025 of 18/02/2025

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

GeoTec-GS, a.s.
CAB number 1514, Geotechnics and Monitoring Laboratory
Franzova 922/70, 614 00 Brno - Maloměřice

Testing laboratory locations:

1. **Laboratory of Field Testing**	Korytná 47/3, 100 00 Praha 10
2. **Laboratory of Soil mechanics**	Franzova 922/70, 614 00 Brno-Maloměřice
3. **Laboratory of Rock Mechanics**	Pod Sídlištěm 293/1, 636 00 Brno-Židenice
4. **Laboratory of Soil Mechanics, Field Testing and Monitoring**	Pekárenská 257/81, 370 04 České Budějovice

The laboratory provides opinions and interpretations of the test results.
Detailed information on activities within the scope of accreditation (source literature) is given in the section „Specification of the scope of accreditation".

Tests:

Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1[1,2,4]	Determination of water content	ČSN EN ISO 17892-1	Soils, ashes	-
2[2,4]	Determination of bulk density	ČSN EN ISO 17892-2	Soils, ashes	-
3[2,4]	Determination of particle density	ČSN EN ISO 17892-3	Soils, crushed aggregates, ashes	-
4[2,4]	Determination of particle size distribution and uniformity coefficient, curvature coefficient and capillarity by calculation from measured values	ČSN EN ISO 17892-4; PP-06 (Soil Mechanics and Foundation of Buildings, 2003); PP-05 (TP 170)	Soils, ashes	-
5[2,4]	Determination of liquid limit, plastic limit, plasticity index and consistency level by calculation from measured values	ČSN EN ISO 17892-12	Soils	-
6[2,4]	Determination of combustible substances	ČSN EN 13039	Soils, ashes	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
7[2,4]	Determination of porosity and the saturation level by calculation from measured values	PP-07 (Soil Mechanics and Foundation of Buildings, 2003)	Soils, ashes	-
8[2,4]	Incremental loading oedometer test	ČSN EN ISO 17892-5	Soils, ashes	-
9[2,4]	Determination of swelling pressure	ČSN CEN ISO/TS 17892-5:2005	Soils, ashes	-
10[2,4]	Determination of swelling capacity	PP-01 (ČSN EN ISO 17892-5; Methodology I ČGÚ, ch. 20, 1987)	Soils, ashes	-
11[2,4]	Determination of collapse potential	(ČSN EN ISO 17892-5; Methodology I ČGÚ, ch. 19.13, 1987)	Soils, ashes	-
12[2,4]	Direct shear tests	ČSN EN ISO 17892-10	Soils, ashes	-
13[2,4]	Proctor compaction - Determination of the soil compactibility	ČSN EN 13286-2, except Art. 7.3 and 7.6	Soils, aggregates, ashes	-
14[2,4]	Determination of California bearing ratio (CBR), immediate bearing index (IBI) and linear swelling	ČSN EN 13286-47	Soils, aggregates, ashes	-
15[2,3,4]	Determination of the water content of aggregates	ČSN EN 1097-5	Aggregates	-
16[3,4]	Determination of particle size distribution of aggregates	ČSN EN 933-1	Aggregates	-
17[3,4]	Determination of relative density	ČSN 72 1018	Soils, aggregates	-
18[3]	Determination of maximal bulk density	ČSN EN 13286-5	Soils, aggregates	
19[3]	Determination of a bulk density	ČSN EN 12390-7	Hardened concrete	-
20[3]	Determination of bulk density	PP-04 (Methodology I ČGÚ, 1987)	Stones	-
21[3]	Determination of uniaxial compressive strength	ČSN EN 12504-1	Hardened concrete	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
22[3]	Determination of uniaxial compressive strength	ČSN EN 1926	Stones	-
23[3]	Determination of the point load strength of rocks	ASTM D5731-16	Stones	-
24[3]	Determination of tensile splitting strength of test specimens	ČSN EN 12390-6	Stones, concrete	-
25[1,4]*	In situ determination of bulk density by diapraghm volumometer	ČSN 72 1010, Method D-1, A	Soils	-
26[1,4]*	Static plate loading test	ČSN 72 1006, Annex A, B and D	Soils, pavement layers	-
27[1,4]*	Impact loading test by light - weight dynamic plate	ČSN 73 6192, cl. 5.4	Soils, pavement layers	-
28[1]*	Geodetic control method	ČSN 72 1006, Annex G	Soils, pavement layers	
29[4]*	Dynamic probing test	ČSN EN ISO 22476-2	Soils	-
30[4]*	Force measurement with electric force gauges - by dynamometers	PP-30 (ČSN EN ISO 18674-1; ČSN EN ISO 18674-8)	Building and ground constructions	-
31[4]*	Strain measurement - stress in concrete constructions - by strain gauges	PP-31 (ČSN EN ISO 18674-1)	Concrete constructions	-
32[4]*	Deformometric measurements - subsoil shrinkage measurement by hydrostatic levelling	PP-32 (ČSN EN ISO 18674-1)	Ground constructions	-
33[4]*	Inclinometer measurements	PP-33 (ČSN EN ISO 18674-3; ČSN EN ISO 18674-1)	Building and ground constructions, soils	-
34[4]*	Measurement of inclination	PP-34 (ČSN EN ISO 18674-1)	Building constructions	-
35[4]*	Measurement of pore water pressure by piezometers	PP-35 (ČSN EN ISO 18674-4; ČSN EN ISO 18674-1)	Water	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
36[4]*	Measurement of stress change in total pressure sensor - by pressure cells	PP-36 (ČSN EN ISO 18674-5; ČSN EN ISO 18674-1)	Soils, building constructions	-
37[4]*	Measurement of displacements along a line - by dilatometers	PP-37 (ČSN EN ISO 18674-1)	Building constructions, rocks	-
38[4]*	Measurement of displacements along a line - by extensometers	PP-38 (ČSN EN ISO 18674-2; ČSN EN ISO 18674-1)	Building constructions, soils, rocks	-

[1] asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises; the numerical index at the test ordinal number identifies the location carrying out the test (the identification of the locations is given on the first page of this document)

[2] if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

[3] the laboratory does not apply a flexible approach to the scope of accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
4, 7	Mechanika zemin a zakládání staveb (pro kombinované studium), Weiglová, K., Glisníková, V., Masopust, J., CERM, 2003 (Soil Mechanics and Foundation of Buildings – in Czech)
4	TP 170 Navrhování vozovek pozemních komunikací. Ministerstvo dopravy ČR. Odbor silniční infrastruktury. 2004. (Design of Road pavement. Ministry of Transport of the Czech Republic. Road Infrastructure Department – in Czech)
10, 11, 20	Metodiky laboratorních zkoušek v mechanice zemin a hornin. I-III Mechanika zemin – metodiky, Zavoral et al., ČGÚ, 1987 (Methods of laboratory tests in soil and rock mechanics, I-III Soil mechanics – methodologies – in Czech)

Explanatory notes:

PP – Internal Working Procedure

ČGÚ – Czech Geological Institute

ASTM – American Society for Testing and Materials