The Appendix is an integral part of
Certificate of Accreditation No. 128/2019 of 21/03/2019

Accredited entity according to ČSN EN ISO/IEC 17043:2010:

SPL-LABMAT s.r.o.
SPL – Services for Laboratories
1. máje 432, Skřečoň, 735 31 Bohumín

Proficiency testing schemes:

Ordinal number	Designation of proficiency testing scheme	Proficiency testing scheme code	Proficiency test item
1	Quantitative analysis of low-alloy steel by atomic emission spectrometry and x-ray fluorescence spectrometry, solution analysis, C, S combustion and N thermoevolution methods	PT 1	Low-alloy steel
2	Determination of C, S, N, O, H in steel and cast iron, C, S combustion, N, O, H thermoevolution method	PT 2	Steel and cast iron
3	Quantitative analysis of non-ferrous alloys by atomic emission spectrometry and x-ray fluorescence spectrometry and solution analysis methods	PT 3	Non-ferrous alloys*
4	Quantitative analysis of cast iron by atomic emission spectrometry and x-ray fluorescence spectrometry, C, S combustion and N thermoevolution methods	PT 4	Cast iron
5	Quantitative analysis of steel and cast iron by solution analysis methods	PT 5	Steel and cast iron
6	Quantitative analysis of alloy steel by atomic emission spectrometry and x-ray fluorescence spectrometry, solution analysis, C, S combustion and N thermoevolution methods	PT 6	Alloy steel
7	Quantitative analysis of aluminium alloy by atomic emission spectrometry and x-ray fluorescence spectrometry and solution analysis methods	PT 7	Aluminium alloy
8	Quantitative analysis of high silicon content aluminium alloy by atomic emission spectrometry and x-ray fluorescence spectrometry and solution analysis methods	PT 8	High silicon content aluminium alloy

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Ordinal number	Designation of proficiency testing scheme	Proficiency testing scheme code	Proficiency test item
9	Quantitative analysis of ores, ferroalloys, refractory and oxide materials by x-ray fluorescence spectrometry and solution analysis methods, C, S on combustion analyzers	PT 9	Ores, ferroalloys, refractory and oxide materials for metallurgy

Explanations:
* Alloys of copper, zinc, tin, nickel, magnesium, lead, titanium, chromium

Determined analytes

Ordinal number	Proficiency testing scheme code	Determined analytes
1	PT 1	C, Mn, Si, P, S, Cr, Ni, Cu, Al, Mo, V, W, Ti, Co, As, Sn, Nb, Sb, Pb, B, Zr, Zn, Mg, Bi, Ce, Ca, Ta, N, Te, Hf, Se
2	PT 2	C, S, N, O, H
3	PT 3	Zn, Sn, Pb, Ni, Bi, As, Ti, Mg, Cr, Al, Cu, Fe, Zr
4	PT 4	C, Mn, Si, P, S, Cr, Ni, Cu, Al, Mo, V, W, Ti, Co, As, Sn, Nb, Sb, Pb, B, Zr, Zn, Mg, Bi, Ce, As, Ca, Ta, N, Sr, Ba, Te
5	PT 5	Mn, Si, P, Cr, Ni, Cu, Al, Mo, V, W, Ti, Co, As, Sn, Nb, Sb, Pb, B, Zr, Zn, Mg, Bi, As, Ca, Sr, Ba
6	PT 6	C, Mn, Si, P, S, Cr, Ni, Cu, Al, Mo, V, W, Ti, Co, As, Sn, Nb, Sb, Pb, B, Zr, Zn, Mg, Bi, Ce, Ca, Ta, N, Te, Hf, Se
7	PT 7	Si, Fe, Cu, Mn, Mg, Zn, Ni, Cr, Pb, Sn, Ti, V, Zr, P
8	PT 8	Si, Fe, Cu, Mn, Mg, Zn, Ni, Cr, Pb, Sn, Ti, V, Zr, P
9	PT 9	C, S, Si, Mn, P, Cr, Mo, V, Al, Ti, Ca, Cu, Ni, W, Ba, Fe, Cr, Zr, Ce in ferroalloys Fe, Mn, Mo, Zn, Pb, Cd, Si, Ca, Mg, Al, Ti, P, K, Na, Mg, Cr, V, Ba (expressed in the form of oxide, if applicable)