

PPC S.A. INNOVATION HUB	LIST OF ACCREDITED TESTS IN FLEXIBLE SCOPE	
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Materials/ Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used	Date of Initial introduction	Date of last modification	Method Code
1. Petroleum Products (Mazut)	Determination of Al, Si, Na, Ni, Fe, V, Ca, P, Zn, Catfines (Al+Si)	Based on IP 501/2005 with ICP-OES			EXYP.X1.06
2. Lubricants	Determination of Ag, Al, B, Ba, Ca, Cd, Cr, Cu, Fe, Mg, Mn, Mo, Na, Ni, Pb, Si, Sn, Ti, V, Zn, P, K	Based on ASTM D 5185-18:2018 with ICP-OES			EXYP.X1.11
3. Transformer oils and insulating oils	Determination of Al, Cd, Cu, Fe, Pb, Ni, Si, Ag, Na, Sn, Zn	Based on ASTM D 7151-15 :2016 with ICP-OES			EXYP.X1.10
4. Solid Fuels (lignite)	Determination of As, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, V, Zn, Ba, Tl	Based on ASTM D 6357-21 with ICP-OES			EXYP.X1.03
5. Solid waste (solid fuels residues, ashes, sludge)	Determination of Al, Ba, Ca, Fe, Mg, Mn, P, K, Si, Na, Sr, Ti and elemental oxides (Al ₂ O ₃ , BaO, CaO, Fe ₂ O ₃ , MgO, MnO, P ₂ O ₅ , K ₂ O, SiO ₂ , Na ₂ O, SrO, TiO ₂)	Based on ASTM D 6349-21 with ICP-OES			EXYP.X1.04
6. Soil	Determination of Al, As, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Ni, Pb, Mg, Mn, Mo, K, Se, Ag, Zn, Sr, Tl, V, Na, Sb	Based on EPA 3051A and EPA 6010D: 2018 with ICP-OES			EXYP.X1.05
7. Drinking water, surface water, underground water	1. Determination of Li, Be, Al, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Cd, Ba, Hg, Tl, Pb, U, Sb	Based on ΕΛΟΤ EN ISO 17294.01:2006 and ΕΛΟΤ EN ISO 17294-2:2016 with ICP-MS/MS			EXYP.X1.02
	2. Determination of K, Na, Ca, Mg, B	Based on ISO 11885:2009 with ICP-OES			EXYP.X1.08

Materials/ Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used	Date of Initial introduction	Date of last modification	Method Code
8. Wastewater	1. Determination of As, Cd, Cr, Ni, Pb, Cu, Se, Zn, Ag, Al, Ba, Be, Co, Fe, Mn, Mo, Sr, Tl, V, K, Na, Ca, Mg, B	Based on EPA 6010D: 2018 with ICP-OES			EXYP.X1.09
	2. Determination of dissolved As, Cd, Cr, Ni, Pb, Cu, Se, Zn, Ag, Al, B, Ba, Be, Co, Fe, Mn, Mo, Sr, Tl, V	Based on EPA 6010D: 2018 with ICP-OES			EXYP.X1.09
	3. Determination of Li, Be, Al, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Cd, Sn, Ba, Hg, Tl, Pb, U, Sb	Based on ΕΛΟΤ EN ISO 17294.01:2006 and ΕΛΟΤ EN ISO 17294-2:2016 with ICP-MS/MS			EXYP.X1.02