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China NIL International Proficiency Testing Schemes (2026)

As a professional PT provider, NIL has been accredited by China National Accreditation Service Conformity Assessment (CNAS), and all PT schemes provided by NIL are operated in compliance with ISO/IEC 17043:2023“Conformity assessment — General requirements for the competence of proficiency testing providers”, and also internationally recognized. The international proficiency testing schemes for 2026 are listed in the following Table 1.

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Table 1 NIL International Proficiency Testing Schemes for 2026

Chemical Analysis for Metal and Alloy							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5571-1	Determination of C, Si, Mn, P and S in medium and low alloy steel (chip sample)	Medium and low alloy steel	C, Si, Mn, P, S	ASTME1019 ISO 15350 ISO 4829-1 ISO 4829-2 ISO 629 ISO/TR 17055	Apr., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5571-2	Determination of C, Si, Mn, P and S in medium and low alloy steel (chip sample)	Medium and low alloy steel	C, Si, Mn, P, S	ASTME1019 ISO 15350 ISO 4829-1 ISO 4829-2 ISO 629 ISO/TR 17055	Sep., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5572-1	Determination of Cr, Ni, Cu, Mo and Al in medium and low alloy steel (chip sample)	Medium and low alloy steel	Cr, Ni, Cu, Mo, Al	ISO 4937 ISO 4940	Apr., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5572-2	Determination of Cr, Ni, Cu, Mo and Al in medium and low alloy steel (chip sample)	Medium and low alloy steel	Cr, Ni, Cu, Mo, Al	ISO 4937 ISO 4940	Sep., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5573-1	Determination of Cr, Ni, Cu, V and Ti in medium and low alloy steel by inductively coupled plasma atomic emission spectrometry	Medium and low alloy steel	Cr, Ni, Cu, V, Ti	Any validated method	Apr., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5573-2	Determination of Cr, Ni, Cu, V and Ti in medium and low alloy steel by inductively coupled plasma atomic emission spectrometry	Medium and low alloy steel	Cr, Ni, Cu, V, Ti	Any validated method	Sep., 2026	350+ carriage	<input type="checkbox"/> Chips



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NIL PT-5574-1	Determination of C, Si, Mn, P and S in medium and low alloy steel by spark atomic emission spectrometry	Medium and low alloy steel	C, Si, Mn, P, S	ASTME415	Apr., 2026	350+ carriage	<input type="checkbox"/> Discs
NIL PT-5574-2	Determination of C, Si, Mn, P and S in medium and low alloy steel by spark atomic emission spectrometry	Medium and low alloy steel	C, Si, Mn, P, S	ASTME415	Sep., 2026	350+ carriage	<input type="checkbox"/> Discs
NIL PT-5575-1	Determination of Cr, Ni, Cu, Mo and Al in medium and low alloy steel by spark atomic emission spectrometry	Medium and low alloy steel	Cr, Ni, Cu, Mo, Al	ASTME415	Apr., 2026	350+ carriage	<input type="checkbox"/> Discs
NIL PT-5575-2	Determination of Cr, Ni, Cu, Mo and Al in medium and low alloy steel by spark atomic emission spectrometry	Medium and low alloy steel	Cr, Ni, Cu, Mo, Al	ASTME415	Sep., 2026	350+ carriage	<input type="checkbox"/> Discs
NIL PT-5578-1	Determination of Si, Mn, P, Cr, Ni and Ti in stainless steel (chip sample)	Stainless steel	Si, Mn, P, Cr, Ni, Ti	Any validated method	Apr., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5578-2	Determination of Si, Mn, P, Cr, Ni and Ti in stainless steel (chip sample)	Stainless steel	Si, Mn, P, Cr, Ni, Ti	Any validated method	Sep., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5579-1	Determination of C, Si, Mn, P, S, Cr and Ni in stainless steel by spark atomic emission spectrometry	Stainless steel	C, Si, Mn, P, S, Cr, Ni	ASTM E1086	Apr., 2026	350+ carriage	<input type="checkbox"/> Discs



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NIL PT-5579-2	Determination of C, Si, Mn, P, S, Cr and Ni in stainless steel by spark atomic emission spectrometry	Stainless steel	C, Si, Mn, P, S, Cr, Ni	ASTM E1086	Sep., 2026	350+ carriage	<input type="checkbox"/> Discs
NIL PT-5580	Determination of C, Si, P, S, Mo in ferromolybdenum	Ferromolybdenum	C, Si, P, S, Mo	Any validated method	Sep., 2026	350+ carriage	<input type="checkbox"/> Chips
NIL PT-5581-1	Determination of C and S content in steel	Steel	C, S	ASTM E1019	Apr., 2026	280+ carriage	<input type="checkbox"/> Chips
NIL PT-5581-2	Determination of C and S content in steel	Steel	C, S	ASTM E1019	Jun., 2026	280 + carriage	<input type="checkbox"/> Chips
NIL PT-5581-3	Determination of C and S content in steel	Steel	C, S	ASTM E1019	Sep, 2026	280+ carriage	<input type="checkbox"/> Chips
NIL PT-5582-1	Determination of O and N content in steel	Steel	O, N	ASTM E1019	May., 2026	280 + carriage	<input type="checkbox"/> Chips
NIL PT-5582-2	Determination of O and N content in steel	Steel	O, N	ASTM E1019	Jul., 2026	280+ carriage	<input type="checkbox"/> Chips
NIL PT-5582-3	Determination of O and N content in steel	Steel	O, N	ASTM E1019	Sep., 2026	280+ carriage	<input type="checkbox"/> Chips
NIL PT-5583	Determination of H content in steel	Steel	H	ASTM E1019	Oct., 2026	300 + carriage	<input type="checkbox"/> Chips
NIL PT-5584	Determination of Mo, Al, Ti, Nb in high-temperature alloy	High-Temperature Alloy	Mo, Al, Ti, Nb	ASTM E2594	Oct., 2026	400 + carriage	<input type="checkbox"/> Chips
NIL PT-5588	Determination of Si, Mn, P, Al and Ca in ferrosilicon	Ferrosilicon	Si, Mn, P, Al, Ca	ASTM E372	Sep., 2026	300+ carriage	<input type="checkbox"/> Chips
NIL PT-5590	Determination of C, Si, Mn, P, S, Ni and Cr in ferronickel	Ferronickel	C, Si, Mn, P, S, Ni, Cr	ASTM E1917	Oct., 2026	300 + carriage	<input type="checkbox"/> Chips
NIL PT-5591	Determination of C, Si, Mn, P and	Low-carbon ferrochromium	C, Si, Mn, P, Cr	Any validated method	Sep., 2026	300 + carriage	<input type="checkbox"/> Chips



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	Cr in low-carbon ferrochromium	m					
NIL PT-5592	Determination of Si, Mn, P and S in silicon manganese alloy	Silicon manganese alloy	Si, Mn, P, S	Any validated method	Oct., 2026	300+ carriage	<input type="checkbox"/> Chips
NIL PT-5593	Determination of C, Si, Mn, P, S, V and Al in ferrovanadium	Ferrovanadium	C, Si, Mn, P, S, V, Al	Any validated method	Oct., 2026	400+ carriage	<input type="checkbox"/> Chips
NIL PT-5595	Determination of Si, Fe, Cu, Mg and Zn in pure aluminum	Pure aluminum	Si, Fe, Cu, Mg, Zn	Any validated method	Sep., 2026	320 + carriage	<input type="checkbox"/> Discs <input type="checkbox"/> Chips
NIL PT-5596-1	Determination of Si, Fe, Cu, Mg and Mn in aluminum alloy	Aluminum alloy	Si, Fe, Cu, Mg, Mn	ASTM E3061 ASTM E1251	May., 2026	320+ carriage	<input type="checkbox"/> Discs <input type="checkbox"/> Chips
NIL PT-5596-2	Determination of Si, Fe, Cu, Mg and Mn in aluminum alloy	Aluminum alloy	Si, Fe, Cu, Mg, Mn	ASTM E3061 ASTM E1251	Sep., 2026	320 + carriage	<input type="checkbox"/> Discs <input type="checkbox"/> Chips
NIL PT-5597	Determination of Si, Fe, Cu, Cr, Ti and Zn in aluminum alloy by spark atomic emission spectrometry	Aluminum alloy	Si, Fe, Cu, Cr, Ti, Zn	ASTM E1251	Sep., 2026	320 + carriage	<input type="checkbox"/> Discs
NIL PT-5598	Determination of Cu, Mg, Fe and Al in zinc alloy	Zinc alloy	Cu, Mg, Fe, Al	Any validated method	Oct., 2026	320 + carriage	<input type="checkbox"/> Chips
NIL PT-5600	Determination of Zn, Fe, Ni, Pb and Cu in copper alloy	Copper alloy	Zn, Fe, Ni, Pb, Cu	Any validated method	Oct., 2026	320 + carriage	<input type="checkbox"/> Discs <input type="checkbox"/> Chips
NIL PT-5603	Determination of Cu, Ag, Au in blister copper	Blister Copper	Cu, Ag, Au	YS/T521	Jul., 2026	500 + carriage	<input type="checkbox"/> Chips
NIL PT-5604	Determination of Fe, Al, V and Si in titanium alloy	Titanium alloy	Fe, Al, V, Si	ASTM E2371	Jul., 2026	500 + carriage	<input type="checkbox"/> Chips



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NIL PT-5605	Determination of O, N, and H in titanium alloy	Titanium alloy	O, N, H	ASTM E1409 ASTM E1447	Oct., 2026	500 + carriage	<input type="checkbox"/> Grain
NIL PT-5606	Determination of Cr, Ni, Cu and Mo in titanium alloy	Titanium alloy	Cr, Ni, Cu, Mo	ASTM E2371	Sep., 2026	500+ carriage	<input type="checkbox"/> Chips
Mineral and Metallurgical Material							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NILPT-5614-1	Determination of TFe, SiO ₂ , P and S in iron ore	Iron ore	TFe, SiO ₂ , P, S	ISO 11535 ISO 2598-1 ISO 2597-1 ISO 4687-1 ISO 9516	Apr., 2026	300 + carriage	<input type="checkbox"/>
NILPT-5614-2	Determination of TFe, SiO ₂ , P and S in iron ore	Iron ore	TFe, SiO ₂ , P, S	ISO 11535 ISO 2598-1 ISO 2597-1 ISO 4687-1 ISO 9516	Aug., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5615	Determination of CaO, MgO and Al ₂ O ₃ in iron ore	Iron ore	CaO, MgO, Al ₂ O ₃	ISO 11535 ISO 6830 ISO 9516	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5616	Determination of TFe and FeO in iron ore	Iron ore	TFe, FeO	ISO 9035 ISO 2597-1	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5617	Determination of K and Na in iron ore	Iron ore	K, Na	ISO 13313 ISO 13312	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5618	Determination of Ca, Si, Mn, Al, P and Mg in iron ore by X-ray fluorescence spectrometry	Iron ore	Ca, Si, Mn, Al, P, Mg	ISO 9516	Jun., 2026	450 + carriage	<input type="checkbox"/>
NIL PT-5619	Determination of Mn and Ti in iron ore	Iron ore	Mn, Ti	ISO 11535 ISO 9516	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5620	Determination of TMn, TFe, SiO ₂ and Al ₂ O ₃ in manganese ore	Manganese ore	TMn, TFe, SiO ₂ , Al ₂ O ₃	ISO 5890 ISO 9292	Aug., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5621	Determination of TiO ₂ and Ni in manganese ore	Manganese ore	TiO ₂ , Ni	ISO 7723	Jun., 2026	300 + carriage	<input type="checkbox"/>



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NIL PT-5623	Determination of CaF ₂ , SiO ₂ and TFe in fluorite	Fluorite	CaF ₂ , SiO ₂ , TFe	ASTM E815 ASTM E463	Aug., 2026	300 + carriage	<input type="checkbox"/>
NILPT-5624-1	Determination of SiO ₂ , CaO, MgO, Fe ₂ O ₃ and Al ₂ O ₃ in limestone	Limestone	SiO ₂ , CaO, MgO, Fe ₂ O ₃ , Al ₂ O ₃	Any validated method	Apr., 2026	300 + carriage	<input type="checkbox"/>
NILPT-5624-2	Determination of SiO ₂ , CaO, MgO, Fe ₂ O ₃ and Al ₂ O ₃ in limestone	Limestone	SiO ₂ , CaO, MgO, Fe ₂ O ₃ , Al ₂ O ₃	Any validated method	Aug., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5625	Determination of SiO ₂ , CaO, MgO, Fe ₂ O ₃ and Al ₂ O ₃ in limestone by X-ray fluorescence spectrometry	Limestone	SiO ₂ , CaO, MgO, Fe ₂ O ₃ , Al ₂ O ₃	Any validated method	Oct., 2026	450 + carriage	<input type="checkbox"/>
NIL PT-5626	Determination of Ni, SiO ₂ , TFe and MgO in nickel ore	Nickel ore	Ni, SiO ₂ , TFe, MgO	Any validated method	Aug., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5627	Determination of Zn, Pb and Cu in zinc ore	Zinc ore	Zn, Pb, Cu	Any validated method	Aug., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5629	Determination of Zn, Cu, Pb and Cd in zinc concentrates	Zinc concentrates	Zn, Cu, Pb, Cd	ISO 19976 ISO 12739 ISO 13291 ISO 13658	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5630	Determination of Cu, S, Au and Ag in copper concentrates	Copper concentrates	Cu, S, Au, Ag	ISO 10378 ISO 10258 ASTM E1898	Jun., 2026	320 + carriage	<input type="checkbox"/>
NIL PT-5633	Determination of Pb, Cu, Zn and As in lead concentrates	Lead concentrates	Pb, Cu, Zn, As	ISO 13545 ISO 11441	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5634	Determination of Cu, Pb, Zn and Fe in polymetallic ore	Polymetallic ore	Cu, Pb, Zn, Fe	Any validated method	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5636	Determination of Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , CaO and TiO ₂ in bauxite	Bauxite	Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , CaO, TiO ₂	Any validated method	Jun., 2026	300 + carriage	<input type="checkbox"/>



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NIL PT-5638	Determination of SiO ₂ , CaO, MgO, TFe ₂ O ₃ and Al ₂ O ₃ in silicate rock	Silicate rock	SiO ₂ , CaO, MgO, TFe ₂ O ₃ , Al ₂ O ₃	ISO 21587	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5639	Determination of Au and Ag in ore	Ore	Au, Ag	Any validated method	Jun., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5641	Determination of Fe, Al and Ca in metallurgical silicon	Metallurgical silicon	Fe, Al, Ca	Any validated method	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5642	Determination of SiO ₂ , CaO and Al ₂ O ₃ in clay	Clay	SiO ₂ , CaO, Al ₂ O ₃	Any validated method	Jun., 2024	300 + carriage	<input type="checkbox"/>
NIL PT-5643	Determination of SiO ₂ , CaO, MgO, Al ₂ O ₃ and Fe ₂ O ₃ in high-alumina refractories	High-alumina refractories	SiO ₂ , CaO, MgO, Al ₂ O ₃ , Fe ₂ O ₃	ISO 21079 ISO 26845	Jul., 2026	300 + carriage	<input type="checkbox"/>
Coal and Coke							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NILPT-5653-1	Proximate analysis of coke	Coke	Sulphur, ash, volatile matter	ASTM D4239 ASTM D3174 ISO 1171 ISO 562	Apr., 2026	300 + carriage	<input type="checkbox"/>
NILPT-5653-2	Proximate analysis of coke	Coke	Sulphur, ash, volatile matter	ASTM D4239 ASTM D3174 ISO 1171 ISO 562	Aug., 2026	300 + carriage	<input type="checkbox"/>
NILPT-5654-1	Proximate analysis of coal	Coal	Sulphur, ash, volatile matter	ASTM D4239 ISO 19579 ASTM D3174 ISO 1171 ISO 562	Apr., 2026	300 + carriage	<input type="checkbox"/>
NILPT-5654-2	Proximate analysis of coal	Coal	Sulphur, ash, volatile matter	ASTM D4239 ISO 19579 ASTM D3174 ISO 1171 ISO 562	Aug., 2026	300 + carriage	<input type="checkbox"/>



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NIL PT-5655	Determination of calorific value of coal	Coal	Calorific value	ISO 1928	Jun., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-5656	Determination of C, H and N in coal	Coal	C, H, N	ISO 29541 ISO 625	Jun., 2026	300 + carriage	<input type="checkbox"/>
Cement							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5681	Determination of loss on ignition, magnesium oxide, Calcium oxide and sulfur trioxide in cement	Cement	Loss on ignition, MgO, CaO,SO ₃	ISO 29581	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-5682	Determination of chloride ions in cement	Cement	Chloride ions	ISO 29581	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-5683	Determination of density of cement	Cement	Density	Any validated method	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-5684	Determination of fineness and specific surface area of cement	Cement	Fineness ,Specific surface area	ASTM C1891 ASTM C204	Sep., 2026	450+ carriage	<input type="checkbox"/>
Soil							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NILPT-5711-1	Determination of Pb and Cd in soil	Soil	Pb ,Cd	Any validated method	Jun., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5711-2	Determination of Pb and Cd in soil	Soil	Pb ,Cd	Any validated method	Oct., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5712-1	Determination of Ni, Cu and Zn in soil	Soil	Ni, Cu, Zn	Any validated method	Jun., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5712-2	Determination of Ni, Cu and Zn in soil	Soil	Ni, Cu, Zn	Any validated method	Oct., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5713-1	Determination of	Soil	Total Hg,	Any	Jun., 2026	350 +	<input type="checkbox"/>



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	total Hg and total As in soil		Total As	validated method		carriage	
NILPT-5713-2	Determination of total Hg and total As in soil	Soil	Total Hg, Total As	Any validated method	Oct., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5714-1	Determination of total Cr in soil	Soil	Total Cr	Any validated method	Jun., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5714-2	Determination of total Cr in soil	Soil	Total Cr	Any validated method	Oct., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5717	Determination of Fe and Mn in soil	Soil	Fe, Mn	Any validated method	Sep., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5719	Determination of Se in soil	Soil	Se	Any validated method	Jul., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5724	Determination of total P in soil	Soil	Total P	Any validated method	Sep., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5725	Determination of total K in soil	Soil	Total K	Any validated method	Sep., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5733-1	Determination of pH in soil	Soil	pH at 25°C	Any validated method	Jun., 2026	350 + carriage	<input type="checkbox"/>
NILPT-5733-2	Determination of pH in soil	Soil	pH at 25°C	Any validated method	Oct., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5753	Determination of Ni, Cu and Zn in solid waste	Solid waste	Ni, Cu, Zn	Any validated method	Aug., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5754	Determination of Fe and Mn in solid waste	Solid waste	Fe, Mn	Any validated method	Aug., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5755	Determination of Pb and Cd in solid waste	Solid waste	Pb, Cd	Any validated method	Aug., 2026	350 + carriage	<input type="checkbox"/>
NIL PT-5756	Determination of Total As and Total Hg in solid waste	Solid waste	Total As, Total Hg	Any validated method	Aug., 2026	350 + carriage	<input type="checkbox"/>



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Water							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NILPT-5780-1	Determination of Pb in water	Water	Pb	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5780-2	Determination of Pb in water	Water	Pb	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5782-1	Determination of Cd in water	Water	Cd	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5782-2	Determination of Cd in water	Water	Cd	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5783-1	Determination of As in water	Water	As	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5783-2	Determination of As in water	Water	As	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5785-1	Determination of Ni in water	Water	Ni	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5785-2	Determination of Ni in water	Water	Ni	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5786-1	Determination of Cu in water	Water	Cu	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5786-2	Determination of Cu in water	Water	Cu	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5787-1	Determination of Zn in water	Water	Zn	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5787-2	Determination of Zn in water	Water	Zn	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5788-1	Determination of Mn in water	Water	Mn	ISO 17294-2 ISO 11885	Apr., 2026	200+ carriage	<input type="checkbox"/>
NILPT-5788-2	Determination of Mn in water	Water	Mn	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>
NIL PT-5792	Determination of Fe in water	Water	Fe	ISO 17294-2 ISO 11885	Sep., 2026	200+ carriage	<input type="checkbox"/>



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NIL PT-5793	Determination of Al in water	Water	Al	ISO 17294-2 ISO 11885	Jul., 2026	200+ carriage	<input type="checkbox"/>
Textiles							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5885	Determination of pH of aqueous extract in textiles	Textiles	pH at 25°C	ISO3071	Sep., 2026	300 + carriage	<input type="checkbox"/>
RoHS							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5912	Restricted substances in electronic and electrical products – Determination of Pb content in copper and copper alloys	Electronic and electrical products – copper and copper alloys	Pb	IEC62321-5	Jul., 2026	320 + carriage	<input type="checkbox"/>
NIL PT-5913	Restricted substances in electronic and electrical products – Determination of Pb and Cd content in aluminum and aluminum alloys	Electronic and electrical products – aluminum and aluminum alloys	Pb, Cd	IEC62321-5	Jul., 2026	320 + carriage	<input type="checkbox"/>
NIL PT-5914	Restricted substances in electronic and electrical products – Determination of Pb and Cd content in zinc and zinc alloys	Electronic and electrical products – zinc and zinc alloys	Pb, Cd	IEC62321-5	Jul., 2026	320 + carriage	<input type="checkbox"/>
NIL PT-5915	Restricted substances in electronic and electrical products	Electronic and electrical products – ABS	Pb, Cd, Hg, Br	IEC62321-5	Sep., 2026	400 + carriage	<input type="checkbox"/>



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	– Determination of noxious substance content in ABS						
NIL PT-5917	Restricted substances in electronic and electrical products – Determination of flame retardant content in plastic	Electronic and electrical products – plastic	BDE-209	IEC62321-6 IEC62321-12	Sep., 2026	400 + carriage	<input type="checkbox"/>
Plastic and plastic film							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5928	Determination of phthalate plasticizers in plastic toy	Plastics	DBP, DEHP, BBP, DINP	IEC62321-8	Sep., 2026	450 + carriage	<input type="checkbox"/>
NIL PT-5929	Determination of halogen in plastic	Plastic	Cl, Br	IEC62321-3-2 EN14582	Sep., 2026	500 + carriage	<input type="checkbox"/>
NIL PT-5931	Determination of the melt mass-flow rate (MFR) of thermoplastics	Plastics	MFR	ISO 1133-1	Jul., 2026	450 + carriage	<input type="checkbox"/>
NIL PT-5932	Determination of density of plastics	Plastics	Density	ISO 1183-1, method A-Immersion method	Jul., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-5937	Determination of vicat softening temperature of plastics	Plastics	vicat softening temperature	ISO 306	Jul., 2026	550+ carriage	<input type="checkbox"/>
NIL PT-5939	Determination of tensile properties of plastic	Plastics	stress at yield, strength, stress at X% strain, strain at yield	ISO 527-1 ISO 527-2	Jul., 2026	550+ carriage	<input type="checkbox"/>
NIL PT-5940	Determination of charpy impact properties of	Plastics	Charpy notched impact	ISO 179-1	Jul., 2026	550+ carriage	<input type="checkbox"/>



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	plastic		strength				
NIL PT-5975	Determination of water vapour transmission rate of plastic film (Infrared detection sensor method)	Plastic film	water vapour transmission rate	ISO 15106-2	Aug., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-5976	Determination of gas-transmission rate of plastic film	Plastic film	oxygen transmission rate	ISO 15105-1 Method using a pressure sensor	Aug., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-5977	Determination of thickness of plastic film	Plastic film	thickness	ISO 4593	Aug., 2026	400+ carriage	<input type="checkbox"/>

Microstructure of metal Materials (Special for ISO Standard)

Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5982-1	Determination of average grain size in metallic materials (Intercept Procedure) (ASTM E112 Please register NIL PT-6087)	Steel (Photo)	Grain size number	Intercept Procedure except ASTM E112	May., 2026	300+ carriage	<input type="checkbox"/>
NIL PT-5982-2	Determination of average grain size in metallic materials (Intercept Procedure) (ASTM E112 Please register NIL PT-6087)	Steel (Material object)	Grain size number	Intercept Procedure except ASTM E112	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-5984	Determination of average grain size in aluminium alloy (Intercept Procedure)	Aluminium alloy (Photo)	Grain size number	Intercept Procedure	Aug., 2026	300+ carriage	<input type="checkbox"/>



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NIL PT-5987	Determination of depth of decarburization of steels	Steel	Depth of decarburization	ISO 3887	Jul., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-5990	Determination of metal coating thickness (Microscopical method)	Metal coating	Thickness of metal coating	ISO 1463	Jul., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6196	Alpha case determination-Titanium alloy	Titanium alloy	Alpha case	EN2003-009	July., 2026	500+ carriage	<input type="checkbox"/>
NILPT-6004-1	Salt Spray - mass loss determination – Steel (ASTM B117 please register NIL PT-6089)	Steel	Mass loss	ISO 9227	May., 2026	500+ carriage	<input type="checkbox"/>
NILPT-6004-2	Salt Spray - mass loss determination – Steel (ASTM B117 please register NIL PT-6089)	Steel	Mass loss	ISO 9227	Sep., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-6019	Particle size analysis(Laser diffraction methods)(powder	$D_{10,3}$ $D_{50,3}$ $D_{90,3}$	ISO 13320	July., 2026	500+ carriage	<input type="checkbox"/>
Mechanical Properties for Metal Materials (Special for ISO Standard)							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-6025-1	Brinell hardness test for metallic materials	Steel	HBW 2.5/187.5	ISO 6506-1	May., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6025-2	Brinell hardness test for metallic materials	Steel	HBW 2.5/187.5	ISO 6506-1	Oct., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6026-1	Brinell hardness test for metallic materials	Steel	HBW 5/750	ISO 6506-1	May., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6026-2	Brinell hardness test for metallic materials	Steel	HBW 5/750	ISO 6506-1	Sep., 2026	450+ carriage	<input type="checkbox"/>



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NIL PT-6027-1	Brinell hardness test for metallic materials	Steel	HBW 10/3000	ISO 6506-1	Apr., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6027-2	Brinell hardness test for metallic materials	Steel	HBW 10/3000	ISO 6506-1	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6028	Brinell hardness test for metallic materials	Steel	HBW 10/1000	ISO 6506-1	Aug., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6029	Rockwell hardness test for metallic materials	Steel	HRA	ISO 6508-1	Jul., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6030-1	Rockwell hardness test for metallic materials	Steel	HRB	ISO 6508-1	May., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6030-2	Rockwell hardness test for metallic materials	Steel	HRB	ISO 6508-1	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6031-1	Rockwell hardness test for metallic materials	Steel	HRC	ISO 6508-1	Apr., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6032-2	Rockwell hardness test for metallic materials	Steel	HRC	ISO 6508-1	Jul., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6032-3	Rockwell hardness test for metallic materials	Steel	HRC	ISO 6508-1	Oct., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6034	Vickers hardness test for metallic materials	Steel	HV0.2	ISO 6507-1	Sep., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-6035	Vickers hardness test for metallic materials	Steel	HV0.3	ISO 6507-1	Aug., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-6036	Vickers hardness test for metallic materials	Steel	HV1	ISO 6507-1	Sep., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-6037	Vickers hardness test for metallic materials	Steel	HV5	ISO 6507-1	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6038-1	Vickers hardness test for metallic materials	Steel	HV10	ISO 6507-1	Apr., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6038-2	Vickers hardness test for metallic materials	Steel	HV10	ISO 6507-1	Oct., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6039	Vickers hardness test for metallic materials	Steel	HV30	ISO 6507-1	Oct., 2026	450+ carriage	<input type="checkbox"/>
NILPT-6041-1	Room temperature tensile test for metallic materials (Recommended testing machine:	Steel	$R_m, R_{eL}, A, Z, R_{p0.2}$	ISO 6892-1	Apr., 2026	600+ carriage	<input type="checkbox"/>



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	100kN~300kN. Diameter of sample: Φ 10mm, M16 normal screw threaded both ends. Matched chucking heads are required.)						
NILPT-6041-2	Room temperature tensile test for metallic materials (Recommended testing machine: 100kN~300kN. Diameter of sample: Φ 10mm, M16 normal screw threaded both ends. Matched chucking heads are required.)	Steel	$R_m, R_{eL}, A, Z, R_{p0.2}$	ISO 6892-1	Oct., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6042	Room temperature tensile test for metallic materials (Recommended testing machine: 20kN~50kN. Diameter of sample: Φ 5mm, M12 normal screw threaded both ends. Matched chucking heads are required.)	Steel	$R_m, R_{eL}, A, Z, R_{p0.2}$	ISO 6892-1	Jun., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6043	Room temperature tensile test for metallic materials (Recommended testing machine: 50kN~100kN. Diameter of sample: Φ 8mm,	Steel	$R_m, R_{eL}, A, Z, R_{p0.2}$	ISO 6892-1	Jul., 2026	600+ carriage	<input type="checkbox"/>



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	M14 normal screw threaded both ends. Matched chucking heads are required.)						
NIL PT-6044	Room temperature tensile test for metallic materials (Recommended testing machine: 300kN~1000kN. Diameter of sample: Φ 20mm, Diameter of terminal end: Φ 27mm.)	Steel	$R_m, R_{eL}, A, Z, R_{p0.2}$	ISO 6892-1	Sep., 2026	600+ carriage	□
NILPT-6045	Room temperature tensile test for metallic materials (Recommended testing machine: 200kN~600kN. Diameter of sample: Φ 10mm, M16 normal screw threaded both ends. Matched chucking heads are required.)	Steel	$R_m, A, Z, R_{p0.2}$	ISO 6892-1	Aug., 2026	600+ carriage	□
NILPT-5691-1	Room temperature tensile test for hot rolled ribbed steel bars (Recommended testing machine: 300kN~1000kN.)	Hot rolled ribbed steel bars	R_m, R_{eL}, A	ISO 6892-1	May., 2026	500+ carriage	□
NILPT-5691-2	Room temperature tensile test for hot rolled ribbed steel bars (Recommended testing machine: 300kN~1000kN.)	Hot rolled ribbed steel bars	R_m, R_{eL}, A	ISO 6892-1	Oct., 2026	500+ carriage	□



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NILPT-5693	Room temperature tensile test for hot rolled ribbed steel bars (Recommended testing machine: 300kN~1000kN.)	Hot rolled ribbed steel bars	R_m, R_{eL}, A, A_{gt}	ISO 15630-1	Aug., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-6046	Room temperature tensile test for cold-rolled sheet of metallic materials (Recommended testing machine: 20kN~50kN. Sample thickness ≤ 2 mm.)	Steel-cold rolled sheet	$R_m, A, R_{p0.2}$	ISO 6892-1	Jun., 2026	550+ carriage	<input type="checkbox"/>
NILPT-6047-1	Room temperature tensile test for hot-rolled plate of metallic materials (Recommended testing machine: 100kN~300kN. Sample thickness 3~6mm.)	Steel-hot rolled plate	$R_m, R_{eL}, A, R_{p0.2}$	ISO 6892-1	Apr., 2026	550+ carriage	<input type="checkbox"/>
NILPT-6047-2	Room temperature tensile test for hot-rolled plate of metallic materials (Recommended testing machine: 100kN~300kN. Sample thickness 3~6mm.)	Steel-hot rolled plate	$R_m, R_{eL}, A, R_{p0.2}$	ISO 6892-1	Oct., 2026	550+ carriage	<input type="checkbox"/>
NIL PT-6048	Room temperature tensile test for hot-rolled plate of metallic materials (Recommended testing machine: 300kN~1000kN.)	Steel-hot rolled plate	$R_m, R_{eL}, A, R_{p0.2}$	ISO 6892-1	Aug., 2026	550+ carriage	<input type="checkbox"/>



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	Sample thickness >10mm.)						
NIL PT-6050	Room temperature tensile test for steel wire (Recommended testing machine: 50kN~100kN.)	Steel wire	R_m, A	ISO 6892-1	Aug., 2026	500+ carriage	□
NIL PT-6054	Room temperature tensile test for steel pipes (Recommended testing machine: 300kN~600kN. Sample outside diameter: 20~30mm.)	Steel tube	$R_m, R_{p0.2}, A$	ISO 6892-1	Sep., 2026	550+ carriage	□
NIL PT-6055	Room temperature tensile test for aluminum alloy sheet (Recommended testing machine: 50kN~100kN. Sample thickness 2~4mm.)	Aluminum alloy sheet	$R_m, R_{p0.2}, A$	ISO 6892-1	Aug., 2026	550+ carriage	□
NIL PT-6056	Room temperature tensile test for aluminum alloy bars (Recommended testing machine: 50kN~100kN. Diameter of sample: Φ 10mm, M16 normal screw threaded both ends. Matched chucking heads are required.)	Aluminum alloy bars	$R_m, A, Z, R_{p0.2}$	ISO 6892-1	Sep., 2026	550+ carriage	□
NIL PT-6058	Charpy impact test for metallic	Steel	Impact Absorbed	ISO 148-1	May., 2026	600+ carriage	□



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	materials (Striker R=2mm.U notch. Recommended testing machine: $\geq 150\text{J}$.)		Energy KU_2				
NIL PT-6059	Charpy impact test for metallic materials (Striker R=2mm.U notch. Recommended testing machine: $\geq 300\text{J}$.)	Steel	Impact Absorbed Energy KU_2	ISO 148-1	Sep., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6060	Charpy impact test for metallic materials (Striker R=2mm.V notch. Recommended testing machine: $\geq 150\text{J}$.)	Steel	Impact Absorbed Energy KV_2	ISO 148-1	May., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6061	Charpy impact test for metallic materials (Striker R=2mm.V notch. Recommended testing machine: $\geq 300\text{J}$.)	Steel	Impact Absorbed Energy KV_2	ISO 148-1	Oct., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6062	Low-temperature Charpy impact test for metallic materials (Striker R=2mm. Recommended testing machine: $\geq 150\text{J}$.)	Steel	Impact Absorbed Energy	ISO 148-1	Sep., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6063	Elevated temperature tensile test for metallic materials (Recommended testing machine: 50kN~100kN. Diameter of sample:	Steel	$R_m, R_{p0.2}, A, Z$	ISO 6892-2	Aug., 2026	600+ carriage	<input type="checkbox"/>



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	Φ5mm, M12 normal screw threaded both ends. Matched chucking heads are required. Temperature: ≥300℃.)						
NIL PT-6064	Uniaxial tension creep test for metallic materials	Steel	Creep fracture time, Elongation after creep fracture, Reduction of area after creep fracture	ISO 204	Aug., 2026	650+ carriage	<input type="checkbox"/>
NIL PT-6066	High Cycle Fatigue Test	Metallic materials	Life duration (Number of cycles)	ISO 1099	Aug., 2026	1000+ carriage	<input type="checkbox"/>
Mechanical Properties for Materials (Special for ASTM Standard / Nadcap Accreditation)							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-6077	Room temperature tensile test for metallic materials (Recommended testing machine: 100kN~300kN. Diameter of sample: Φ12.5mm.)	Steel	tensile strength , lower yield strength, elongation after fracture, reduction of area	ASTM E8/E8M and ASTM A370	Sep., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6078	Room temperature tensile test for aluminum alloy sheet (Recommended testing machine: 50kN~100kN.)	Aluminum alloy	tensile strength , yield strength (offset =0.2%), elongation	ASTM B557	Sep., 2026	600+ carriage	<input type="checkbox"/>



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			after fracture				
NILPT-6079	Charpy impact test for metallic materials (Striker R=8mm. V notch. Recommended testing machine: $\geq 150\text{J}$.)	Steel	Impact Absorbed Energy	ASTM E23	Sep., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6080	Brinell hardness test for metallic materials	Steel	HBW 10/3000	ASTM E10	Sep., 2026	550+ carriage	<input type="checkbox"/>
NIL PT-6081	Rockwell hardness test for metallic materials	Steel	HRC	ASTM E18	Sep., 2026	550+ carriage	<input type="checkbox"/>
NIL PT-6082	Vickers hardness test for metallic materials	Steel	HV10	ASTM E92	Sep., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6083	Vickers hardness test for metallic materials	Steel	HV0.5	ASTM E384	Sep., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6084	Elevated temperature tensile test for metallic material (Recommended testing machine: 50kN~100kN. Diameter of sample: $\Phi 6\text{mm}$, M12 normal screw threaded both ends. Matched chucking heads are required. Temperature: $\geq 300^\circ\text{C}$.)	Steel	tensile strength , yield strength (offset =0.2%), elongation after fracture, reduction of area	ASTM E21	Aug., 2026	650+ carriage	<input type="checkbox"/>
NIL PT-6085	Uniaxial tension creep test for metallic material	Steel	Creep fracture time, Elongation after creep	ASTM E139	Aug., 2026	700+ carriage	<input type="checkbox"/>



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			fracture, Reduction of area after creep fracture				
NIL PT-6086	High Cycle Fatigue Test	Metallic materials	Life duration (Number of cycles)	ASTM E466	Aug., 2026	1000+ carriage	<input type="checkbox"/>
NIL PT-6200*	Low Cycle Fatigue Test	Metallic materials	Number of cycles to failure	ASTM E606/E606M	Aug., 2026	1000+ carriage	<input type="checkbox"/>
NIL PT-6197	Tensile test for fiber-reinforced composite materials	Composite materials	ultimate tensile strength, ultimate tensile strain, tensile chord modulus, poisson's ratio	ASTM D3039/D303 9M	Aug., 2026	1000+ carriage	<input type="checkbox"/>
Microstructure of Metal Materials (Special for ASTM Standard / Nadcap Accreditation)							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-6087	ASTM-Determinat ion of average grain size in metallic materials (Recommendation for Intercept Procedure.)	Steel (Material object)	Grain size number	ASTM E112	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6088	ASTM-Determinat ion of content of nonmetallic inclusions	Steel (Photo)	Inclusion Rate	ASTM E45	Aug., 2026	300+ carriage	<input type="checkbox"/>
NIL PT-6089	ASTM- Salt Spray - mass loss determination – Steel	Steel	Mass loss	ASTM B117	Aug., 2026	500+ carriage	<input type="checkbox"/>



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NIL PT-6090	ASTM-Determination of depth of decarburization of steels	Steel	Depth of decarburization	ASTM E1077	Sep., 2026	450+ carriage	<input type="checkbox"/>
NIL PT-6091	ASTM-Detecting Susceptibility to Intergranular Attack in Austenitic Steels(Practice E)	Stainless steel	Intergranular Attack	ASTM A262	Jul., 2026	500+ carriage	<input type="checkbox"/>

Non-Destructive Test for Metallic Material

Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-6106-1	Non-Destructive testing of welds (Ultrasonic testing)	Steel Plate	Location of indication, length of indication	ISO 17640 or any validated method	Mar., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6106-2	Non-Destructive testing of welds (Ultrasonic testing)	Steel Plate	Location of indication, length of indication	ISO 17640 or any validated method	May., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6114-1	Non-Destructive testing of welds (X-Ray testing)	Steel Plate	Length of indication	ISO 17636-1 or any validated method	Mar., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6114-2	Non-Destructive testing of welds (X-Ray testing)	Steel Plate	Length of indication	ISO 17636-1 or any validated method	May., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6119-1	Non-Destructive testing of welds (Magnetic particle testing)	Steel Plate	Display position, display length	ISO 17638 or any validated method	Mar., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6119-2	Non-Destructive testing of welds (Magnetic particle testing)	Steel Plate	Display position, display length	ISO 17638 or any validated method	May., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6124-1	Non-Destructive testing of welds (Penetrant testing)	Steel Plate	Display position, display	ISO 3452-1 or any validated	Mar., 2026	600+ carriage	<input type="checkbox"/>



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			length	method			
NIL PT-6124-2	Non-Destructive testing of welds (Penetrant testing)	Steel Plate	Display position, display length	ISO 3452-1 or any validated method	May., 2026	600+ carriage	<input type="checkbox"/>
NIL PT-6133	Determination of organic coating thickness of steel plate - Magnetic method	Steel plate coating	Coating thickness	ISO 2808, ISO 2178 or any validated method	Aug., 2026	600+ carriage	<input type="checkbox"/>

Coating

Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-6165	Determination of Total Pb in waterborne coatings	Coating	Total Pb	Any validated method	Sep., 2026	300 + carriage	<input type="checkbox"/>
NIL PT-6167	Determination of soluble heavy metals in waterborne coatings	Coating	Soluble cadmium	Any validated method	Sep., 2026	300 + carriage	<input type="checkbox"/>

Rubber and Leather

Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
NIL PT-5956	Determination of tensile strength of vulcanized rubber	Rubber	tensile strength	ISO 37	Jul., 2026	500+ carriage	<input type="checkbox"/>
NIL PT-5958	Determination of density of vulcanized rubber	Rubber	density	ISO 2781 Method A	Jul., 2026	400+ carriage	<input type="checkbox"/>
NIL PT-5960	Determination of compression set of vulcanized rubber (elevated temperatures)	Rubber	compression set	ISO 815-1	Jul., 2026	500+ carriage	<input type="checkbox"/>
SIC -PG2026001	Determination of Chromium (VI)	Leather	Chromium (VI)	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>



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Rubber and Leather							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
	Content in Leather						
SIC -PG2026002	Determination of pH of Leather	Leather	pH	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026003	Determination of Longitudinal Stiffness for Shanks of Footwear	Shanks for Footwear	Longitudinal Stiffness	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026004	Determination of Abrasion Resistance of Sole	Rubber	Abrasion Resistance of Sole	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2025005	Determination of Formaldehyde Content in Leather	Leather	Formaldehyde	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026006	Determination of Rockwell Hardness in Shanks for Footwear	Shanks for Footwear	Rockwell Hardness	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026007	Determination of Heavy Metal Content in Leather	Leather	Total Cadmium Content; Total Lead Content	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026008	Determination of Double Edge Tear Load for Leather	Leather	Double Edge Tear	Any validated method	Jul., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026009	Tests for Colour Fastness — Colour Fastness to Cycles of to-and-fro Rubbing for Leather	Leather	Colour Fastness to Cycles of to-and-fro Rubbing	Any validated method	Jul., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026010	Determination of Banned Azo Colorants in Leather	Leather	Banned Azo Colorants	Any validated method	Jul., 2026	300+ carriage	<input type="checkbox"/>
SIC -PG2026011	Determination of Phthalates in Leather	Leather	Phthalates	Any validated method	Jul., 2026	300+ carriage	<input type="checkbox"/>
SIC -XJ2026019	Rubber and elastomer materials — Determination of N-nitrosamines	Rubber	N-nitrosamines	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>



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Rubber and Leather							
Serial No.	Title	Test Object	Test Property	Quantitative method	Expected Delivery Time	Fees (USD)	Select
SIC -XJ2026020	Determination of Abrasion Resistance of Rubber (Using a Rotating Cylindrical Drum Device)	Rubber	Abrasion Resistance of Rubber	Any validated method	Apr., 2026	300+ carriage	<input type="checkbox"/>

***Note: For NIL PT-5595, NIL PT-5596-1, NIL PT-5596-2 NIL PT-5600, two kinds of samples (discs and chips) are available for different methods (chips sample is available for ICP-AES or Gravimetric Method etc., discs sample is available for XRF or spark-OES method etc.). Please choose the kind of samples you would like to receive in the registration form.**



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SOME USEFUL INFORMATION OF THE SCHEMES

* How to participate in our PT schemes

Method 1:

Log in the website to register, which is <http://www.nilpt.com>

Method 2:

Select the PT schemes in the table 1 and send the order to nil@analysis.org.cn

Registration information of Laboratory

Name of Laboratory: _____

Postal Address & Zip Code: _____

Contact Person: _____

Country: _____

E-mail: _____

Tel: _____

China NIL Research Center for Proficiency Testing

Address: No. 13 GaoliangqiaoXieJie, Haidian District, Beijing 100081, P. R. China

Contact Person: Ms. CHEN Jinghua, Ms. YAN Dongxia

Phone: +86 10 6218 1064

E-mail: nil@analysis.org.cn

Website: <http://www.nilpt.com>

* Test samples (or specimens)

After NIL receives the orders and payments from the participants, test samples will be distributed along with “INSTRUCTIONS TO PARTICIPANTS”, “RESULT SHEET” and “ATC code” to the laboratories participating in the scheme. Some of the samples are prepared and tested for homogeneity by the Standard Material Research Center of CISRI (Central Iron & Steel Research Institute).

* Testing method

The samples will be tested by the participant's preferred methods, which are generally used for providing formal reports. However, it is preferable to use international or national consensus standard methods. If a standard method is used, please provide its title name and serial number.

* Registration fees

Registration fees should be paid as soon as the laboratory receives invoice from NIL. An invoice will be forwarded to the participating laboratory together with the samples.