

Appendix no. 1 to General Purchase Conditions - rules of accepting the scrap at Nicromet, prepared pursuant to a PN-EN 13920-1 standard i.e. "ALUMINIUM AND ALUMINIUM ALLOYS – SCRAP, GENERAL REQUIREMENTS, SAMPLING AND RESEARCH". The remaining requirements regarding scrap deliveries are contained in the table below:

GROUP	ASSORTMENT	MEASUREMENTS	CONTAMINATION	CHEMICAL COMPOSITION							
				Si	Cu	Mg	Mn	Fe	Pb	Zn	Cr
AL-CASTINGS	Castings, Ingots	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible contamination with iron and other metals up to 1%; Permissible non-metallic contamination up to 2%. Total amount of foreign materials ≤ 2%	4±15%	max 4%	max 1%	max 0,5%	max 1,2%	max 0,1%	max 1,2%	max 0,05%
AL-CASTINGS - II SORT	Castings - II sort	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible contamination with iron and other metals up to 3%; Permissible non-metallic contamination up to 2%. Total amount of foreign materials ≤ 5%	4±15%	max 4%	max 2%	max 1%	max 2%	max 0,5%	max 2,5%	max 0,1%
AL-PAINTED SHEETS	Painted sheets, Post-production painted sheets	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible contamination with iron and other metals up to 1%; Permissible non-metallic contamination up to 2%. Total amount of foreign materials ≤ 2%	max 4%	max 0,7%	max 0,7%	max 0,5%	max 0,7%	max 0,1%	max 0,5%	max 0,02%
AL-SHEETS POST-PRODUCTION Mn	Mn sheets	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible non-metallic contamination <1%	max 0,7%	max 0,5%	max 0,7%	0,7±1,5%	max 0,5%	max 0,1%	max 0,3%	max 0,02%
AL-SHEETS POST-PRODUCTION Mg	Mg sheets	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible non-metallic contamination <1%	max 0,7%	max 0,5%	1±5%	max 0,5%	max 0,5%	max 0,1%	max 0,3%	max 0,02%
AL-PAINTED SHEETS - II SORT	Painted sheets - II sort	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible contamination with iron and other metals up to 3%; Permissible non-metallic contamination up to 2%. Total amount of foreign materials ≤ 5%	max 4%	max 4%	max 1%	max 1%	max 1,3%	max 0,2%	max 1,5%	max 0,05%
AL-A1 (AL 99,5)	Energetic Wire (oxydation, clean), A1 (Al 99,5) clean, impure (foil, etc.)	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible non-metallic contamination <1%	max 0,5%	max 0,02%	max 0,01%	max 0,01%	max 0,25%	max 0,01%	max 0,01%	max 0,01%
AL-PROFILES	Profiles clean, coloured, mix	Delivered in bulk, max acceptable length 2m	Permissible non-metallic contamination <1%	max 0,7%	max 0,1%	max 0,5%	max 0,5%	max 0,3%	max 0,05%	max 0,1%	max 0,01%
AL-CLEAN SHEETS	Clean sheets, Post-production clean sheets	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible non-metallic contamination <1%	max 0,7%	max 0,5%	max 1%	max 0,5%	max 0,5%	max 0,05%	max 0,3%	max 0,02%
AL-WHEELS	Clean wheels (Rims)	Delivered in bulk	Permissible trace non-metallic contamination	8±12%	max 0,1%	max 0,3%	max 0,2%	max 0,4%	max 0,1%	max 0,1%	max 0,02%
	Unclean Wheels (Rims)		Permissible contamination with iron and other metals up to 1%; Permissible non-metallic contamination up to 2%. Total amount of foreign materials ≤ 2%								
AL-CLEAN SHEETS SHREDDER	Clean Sheets Shredder	Delivered in bulk	Permissible non-metallic contamination <1%; moisture inadmissible	max 1%	max 0,5%	max 0,5%	max 0,5%	max 0,5%	max 0,05%	max 0,3%	max 0,02%
AL-PAINTED SHEETS SHREDDER	Painted Sheets Shredder	Delivered in bulk	Permissible non-metallic contamination <1%; moisture inadmissible	max 4%	max 0,7%	max 1%	max 0,7%	max 0,7%	max 1%	max 1%	max 0,02%
AL-CASTING SHREDDER	Castings Shredder	Delivered in bulk	Permissible non-metallic contamination <1%; moisture inadmissible	4±15%	max 4%	max 1%	max 0,5%	max 1,2%	max 0,1%	max 1,2%	max 0,05%
AL-PROFILE SHREDDER	Profile shredder	Delivered in bulk	Permissible non-metallic contamination <1%; moisture inadmissible	max 0,7%	max 0,1%	max 0,5%	max 0,5%	max 0,3%	max 0,05%	max 0,1%	max 0,01%
AL-THIN SCRAP	Al-Coolers, Blinds, Cans	Delivered in bulk, max acceptable dimensions 1m x 1m x 0,7mm	Permissible contamination with iron and other metals up to 1%; Permissible non-metallic contamination up to 2%. Total amount of foreign materials ≤ 2%	max 1%	max 0,5%	max 0,5%	max 0,5%	max 1,2%	max 0,1%	max 0,1%	max 0,02%
AL-TURNINGS	Al-Clean alloy turnings	Delivered in bulk, unoxidized, no wooly parts, not mixed with turnings of other metals, possible to be smoothly unloaded	Permissible non-metallic contamination (water, emulsion, metallic dust) up to 2%; Permissible metallic contamination to 1%. Moisture: dry turnings basis 2%, wet turnings basis 5%	max 13%	max 0,1%	max 0,3%	max 0,2%	max 0,4%	max 0,1%	max 0,1%	max 0,02%
	Al-alloy turnings, Al-mix turnings (inhomogenous)		Permissible non-metallic contamination (water, emulsion, metallic dust) up to 2%; Permissible metallic contamination to 1%. Moisture: dry turnings basis 2%, wet turnings basis 5%	max 13%	max 6%	max 1%	max 0,5%	max 1%	max 0,5%	max 1,2%	max 0,05%
BRIQUETTED TURNINGS (BALED TURNINGS)	Al-Alloy turnings, mixed turnings (inhomogenous)	Briquetted in briquets, pucks, bales, delivered on wooden pallets	Permissible non-metallic contamination <5%. In case of deliveries of briquetted turnings, the tests are carried during production. In case of finding non-conformities in the chemical composition or lower yield due to increased level of contamination, supplier is obliged to collect the contaminated material on his own costs and to cover the costs of concluded tests.	max 13%	max 6%	max 1%	max 0,5%	max 1%	max 0,5%	max 1,2%	max 0,1%
AL-TURNINGS WITH Zn	Al-alloy turnings series 7XXX, mixed (inhomogenous)	Delivered in bulk, unoxidized, no wooly elements / pressed / briquetted / in pucks	Permissible non-metallic contamination < 5%	max 13%	max 6%	max 1%	max 0,5%	max 1%	max 0,5%	max 5%	max 0,1%
AL-TURNINGS MIXED	Al-alloy turnings, mixed (inhomogenous)	Delivered in bulk, unoxidized, no wooly elements / pressed / briquetted / in pucks	Permissible non-metallic contamination <8%	max 13%	max 6%	max 1%	max 0,5%	max 1%	max 0,5%	max 1,2%	max 0,1%
PRIMARY ALUMINIUM	Ingots	Delivered in bundles	Contamination inadmissible; moisture inadmissible	max 0,1%	max 0,01%	max 0,01%	max 0,01%	max 0,1%	max 0,01%	max 0,01%	max 0,01%
	T-bars	Delivered in bulk									

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GROUP	ASSORTMENT	MEASUREMENTS	CONTAMINATION	CHEMICAL COMPOSITION							
				Si	Cu	Mg	Mn	Fe	Pb	Zn	Cr
POST-PRODUCTION AL-DROSSES	Post-production drosses	Delivered in bulk	Permissible non-metallic contamination <1%; Al content min. 65%	4±15%	max 4%	max 1%	max 0,5%	max 1,2%	max 0,1%	max 1,2%	max 0,05%
	Post-production drosses - II sort		Permissible non-metallic contamination <1%; Al content min. 40%								
AL-OFFSET	Offset	Delivered in bulk, packed in briquets	Permissible non-metallic contamination <1%	max 1%	max 0,02%	max 0,01%	max 0,01%	max 0,3%	max 0,01%	max 0,01%	max 0,01%
AL-OFFSET WITH PAPER	Offset with paper	Delivered in bulk, packed in briquets	Permissible non-metallic contamination <6%	max 1%	max 0,02%	max 0,01%	max 0,01%	max 0,3%	max 0,01%	max 0,01%	max 0,01%
			Permissible non-metallic contamination <12%								
AL-POST-PRODUCTION CASTINGS	Post-production castings	Delivered in bulk	Permissible non-metallic contamination <1%	4±15%	max 4%	max 1%	max 0,5%	max 1,2%	max 0,1%	max 1,2%	max 0,05%
AL-PISTONS	Pistons	Delivered in bulk	Permissible non-metallic contamination <1%	max 12%	max 5%	max 1%	max 0,03%	max 0,7%	max 0,01%	max 0,02%	max 0,05%
AL-CLEAN SHEETS PAINTED	Clean sheets painted, tubes clean, tubes painted	Delivered in bulk	Permissible non-metallic contamination <1%	max 0,7%	max 0,5%	max 1%	max 1%	max 0,5%	max 0,1%	max 0,3%	max 0,02%
AL-FOIL	Foil	Delivered in bulk, packed in briquets	Permissible non-metallic contamination <1%	max 0,7%	max 0,5%	max 0,5%	max 0,5%	max 1%	max 0,01%	max 0,1%	max 0,02%
AL-POST-PRODUCTION CASTINGS AFTER ALPHINIZING	Post-production castings after alphinizing	Delivered in bulk	Permissible non-metallic contamination <1%	max 12%	max 1%	max 0,1%	max 0,1%	max 3%	max 0,01%	max 0,1%	max 0,5%
AL-SCRAP PYRAL	Al-scrap after pyrolysis (small, mixed, drobna, thick fraction)	Delivered in bulk	Permissible non-metallic contamination <1%	max 1,5%	max 1%	max 1%	max 0,5%	max 0,6%	max 0,1%	max 1%	max 0,05%
AL-SCRAP WITH FE	Castings with Fe, Painted sheets with Fe	Delivered in bulk	Permissible contamination with iron and other metals; Permissible non-metallic contamination; Total amount of foreign materials 10 – 45%	max 13%	max 4%	max 2%	max 1%	max 4%	max 4%	max 4%	max 0,05%
AL-POST-PRODUCTION SCRAP - II SORT	Production wastes, flashes, welding wastes from presses	Delivered in bulk	Permissible non-metallic contamination and with oil	4±15%	max 4%	max 1%	max 0,5%	max 1,2%	max 0,1%	max 1,2%	0,05%
CU-SCRAP	Cu Millbery	Delivered in bulk	Permissible trace non-metallic contamination; free of metal coating, solders, contamination with other metals, paint and insulation; Cu content min. 99,9%; moisture inadmissible		min 99,9%						
	Cu Scrap	Delivered in bulk	Permissible trace non-metallic contamination; free of metal coating, solders, contamination with other metals, paint and insulation; Cu content min. 99,9%; moisture inadmissible		min 99%						
NI-SCRAP	Ni Scrap	Delivered in bulk	Permissible trace non-metallic contamination; no contamination with other metals; Ni content min. 99,9%; moisture inadmissible		min 99,9%						
AL-CU- COOLERS	Nagrzewnice AlCu, sheets with Cu	Delivered in bulk	Permissible non-metallic contamination <1%		min 50%						
AL. ISO PROFILES	Production scrap, aluminium scrap	Delivered in bulk	Material contaminated with PCV and sealing foam, Permissible contamination < 14%	max 0,7%	max 0,1%	max 0,5%	max 0,5%	max 0,6%	max 0,05%	max 0,8%	max 0,01%
AL. RUNNERS AND RISERS	Al. runners and risers from wheel production	Delivered in bulk	Non-metallic contamination inadmissible, Fe contamination <2%	max 6%	max 0,1%	max 0,3%	max 0,2%	max 2%	max 0,1%	max 0,1%	max 0,05%
AL. GRANULATE	Al. Granulate	Delivered in bulk big-bags. Min size: 2 mm	Contamination inadmissible	max 1%	max 0,5%	max 0,1%					

1. Chemical composition: Other elements: 0,05%, total: 0,2%

2. Material cannot contain following elements: asbestos, Cd, Hg, Li, Se, impregnates PCBs or PCB, flammable materials, explosive materials, radioactive, medical waste.

3. In case of deliveries of baled / briquetted materials / drosses, the quality test on the delivered materials is conducted during production process, initially 25% of delivery.

In case the non-conforming chemical composition will be measured or lowered yield due to level of contamination, Supplier is obliged to collect the contaminated material