Heat, product, residuals and PMI

MANIK TRADING technical reference table

Data type	Sampling basis	Purpose
Heat Analysis	Representative heat/ladle sample	Verify heat chemistry
Product Analysis	Sample from finished product	Check using product-analysis tolerances
Residual elements	Unintentionally added or supplementary reported elements	Control per product/order
PMI	Local measurement on item	Verify alloy identity
CEV/Pcm/CET	Calculated chemistry indices	Weldability assessment in applicable framework

Source / basis: ASTM Steel Specifications — chemical composition requirements by grade