

Likely discontinuities and detection

MANIK TRADING technical reference table

Route	Likely discontinuity	Relevant control
SMLS	Internal lamination, lap, eccentricity, longitudinal crack	UT/ET, WT mapping and surface inspection
HFW	Lack of fusion, hook crack and trim defect	Seam UT/ET, macro and heat-input control
SAW	Slag, porosity, lack of fusion and misalignment	Seam UT/RT and fit-up control
Cold drawn	Elongated seam/lap, crack and hardness variation	ET/UT, surface and hardness
All routes	Handling damage, end defect and dimensional nonconformance	VT, dimensions and end inspection

Source / basis: ASTM steel tubular product specifications