

Cleaning Standard For Cryogenic Valves

This Linde Standard (LS) together with LS 141-74 Part 01 defines the conditions for the cleanliness classes S1 to S4. Habonim standard cleaning for cryogenics valves is class S2. On special requests, Habonim will provide cleanliness class S1.

Cleanliness class S2

Oil and grease, cleaning agent	Particles ¹⁾	Rust protection, coatings	Liquid, moisture
≤125 mg/m ²	Individual, very small particles or fibres (1 mm) can be tolerated. Weight 50 mg/m ²	Not allowed or not discernible	Not discernible

Cleanliness class S1

Oil and grease, cleaning agent	Particles ¹⁾	Rust protection, coatings	Liquid, moisture
≤50 mg/m ²	Individual, very small particles or fibres (0.5 mm) can be tolerated. Weight ≤50 mg/m ²	Not allowed or not discernible	Not discernible

1) Accumulations of particles, i.e. relatively high concentrations on part surfaces or restricted areas of the surface are not permitted or shall not be discernible.

