

UIP-Cleanliness Grades

Figure 1. Material	Figure 2. Surface Appearance									Figure 3. Product residue reference	Figure 4. Condition	Figure 5.
	1	2	3	4	5	6	7	8	9			
1. Mild steel	Clean, No rust	Clean, slight rust dust	Slight oxydation, powdered rust	Powdered rust, and slight discoloration	Powdered and compacted rust, strong discoloration	Layered rust, rust pitting	Loose rust flakes		Special stipulations	0 No residue, no odour, dry 1 No residue, slight odour, dry 2 No residue, product related odour, dry 3 firm deposits, product dust 4 Barrel plates slightly oily, greasy, no firm deposits 5 Barrel plates slightly oily, greasy, firm deposits 6 Empty, no visible residue, steamed out 7 Up to 2 ‰ residue 8 Residue over 2 ‰ 9 Special stipulations	1 Air 2 Nitrogen 3 Other Specification	not yet in use
2. CrNi-Steel 3. CrNiMo-Steel 8. Aluminium	metal clean	metal clean, slight shading	Dull metal, discoloration from product carried	Uneven due to corrosion	Uneven due to corrosion with discoloration	Localised corrosion		Special stipulations				
4. Soft or hard natural rubber lining or comparable polymer quality 5. Enamel lining 6. Lead lining 7. Coatings	Clean, surface intact	surface intact	Surface not intact, Blisters, peeling, lifting due to corrosion					Special stipulations				

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