

EHEDG Certification Scheme

Certificate Type*	EL CLASS I	EL ASEPTIC CLASS I	EL CLASS I AUX	EL CLASS II	EL ASEPTIC CLASS II
Cleaning procedure	wet				
	<i>cleaning without dismantling</i>			<i>cleaning with dismantling</i>	
Processes	closed	closed	open	closed / open	closed
Fulfilled requirements according EHEDG doc.	8, (9, 10, 16, 32, 35) **	8, (9, 10, 16, 32, 35, 39) **	8, (9, 13, 32, 35) **	8, (9, 10, 13, 32, 35) **	8, (9, 10, 16, 32, 35, 39) **
Design evaluation and relevant area***	area inside the equipment roughness Ra / radii / microscopic examination	area inside the equipment roughness Ra / radii / microscopic examination	area outside on the equipment roughness Ra / radii / microscopic examination / accessibility	area inside or outside on the equipment roughness Ra / radii / microscopic examination / accessibility	area inside the equipment roughness Ra / radii / microscopic examination / accessibility
EHEDG Test methods	cleanability (doc 2)	cleanability (doc 2) + sterilisability (doc 5) + bacteria tightness (doc 7)	none	none	sterilisability (doc 5) + bacteria tightness (doc 7)
Equipment Examples	pipe line equipment like pumps, valves, sensors	pipe line equipment like pumps with double mechanical seal, bellow valves, sensors	auxiliary equipment like vision sensors, machine levelling feet, gear drive unit	draining channel, blender, dosing pump, tank mounted relief valve conveyor, meat mincing, slicing machine	cleaned by dismantling and sterilisable and bacteria tight like pressure relief valve with double seal

* Contact EHEDG authorised institutes for design evaluations and equipment classification.

** If necessary, other special guidelines, e.g. doc 25 about mechanical seals, could be used to get more clearness about essential requirements to get an easy to clean design.

*** Design evaluation is a practical step to qualify the hygienic design requirements.

Logo Samples:



Certificate Type*	ED CLASS I	ED CLASS II
Cleaning procedure	dry	
	<i>cleaning without dismantling</i>	<i>cleaning with dismantling</i>
Processes	closed	closed / open
Fulfilled requirements according EHEDG doc.	8, (9, 22, 26, 32, 35) **	8, (9, 22, 26, 32, 35) **
Design evaluation and relevant area***	area inside the equipment roughness Ra / radii / microscopic examination	area inside or outside on the equipment roughness Ra / radii / microscopic examination / accessibility
EHEDG Test methods	none	none
Equipment Examples	components of pneumatic conveying systems, diverter valve, sensor, mixer	rotary valve, hopper, mixer, mesh, metal detector

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** If necessary, other special guidelines, e.g. doc 38 about rotary valves, could be used to get more clearness about essential requirements to get an easy to clean design.

*** Design evaluation is a practical step to qualify the hygienic design requirements.

Logo Samples:

