Version 4.1, April 2024

EHEDG Certification Scheme Type EL

Certificate Type*	**EL CLASS I**	**EL ASEPTIC CLASS I**	**EL CLASS II**	**EL ASEPTIC CLASS II**
Cleaning procedure	**wet**			
	cleaning without dismantling		***cleaning with dismantling***	
Processes	closed / open	closed	closed / open	closed
Fulfilled requirements according to EHEDG Guideline (GL).	8, (9, 10, 13, 16, **32**, 35) **	8, (9, 10, 16, 32, 35, 39) **	8, (9, 10, 13, 32, 35) **	8, (9, 10, 16, 32, 35, 39) **
Design evaluation and relevant area* **	area inside the equipment and/or area exterior of the equipment roughness Ra / radii / microscopic examination	area inside the equipment roughness Ra / radii / microscopic examination	area inside the equipment and/or area exterior of the equipment roughness Ra / radii / microscopic examination / accessibility	area inside the equipment roughness Ra / radii / microscopic examination / accessibility
EHEDG Test methods	cleanability (GL 2) (GL 57)	cleanability (GL 2) + sterilisability (GL 5) + Bacteria tightness (GL 7)	none	sterilisability (GL 5) + Bacteria tightness (GL 7)
Equipment Examples	pipe line equipment like pumps, valves, sensors auxiliary equipment like vision sensors, machine levelling feet, gear drive unit	pipe line equipment like pumps with double mechanical seal, bellow valves, sensors	blender, dosing pump, tank mounted relief valve, conveyor, meat mincing, slicing machine	cleaned by dismantling and sterilisable and bacteria tight like a pressure relief valve with double seal

* Contact EHEDG Authorised Evaluation Officers for design evaluations and equipment classification.
** If necessary, other special guidelines, e.g. GL 25 about mechanical seals, could be used to get more clarity about essential requirements to get an easy-to-clean design.
*** Design evaluation is a practical step to qualify the hygienic design requirements.

Logo examples:

Certificate Type*	ED CLASS I	ED CLASS II
Cleaning procedure	**dry**	
	cleaning without dismantling	***cleaning with dismantling***
Processes	closed	closed / open
Fulfilled requirements according EHEDG Guidelines (GL).	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

* Contact EHEDG Authorised Evaluation Officers for design evaluations and equipment classification.

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

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

Logo examples: