Annex XIII

Check-list on static electricity and electrical apparatus.

Equipment / Installation	A	B	C
Is all electrical equipment appropriate for use in the designated flammable area (category and temperature class according to 2014/34/EU)?			
Is use of tools in zones 1 and 2 subjected to a "permit to work" system?			
Are bolts, cable input devices and silencers firm and of correct type?			
Are not present evident damages in cables?			
Are connection and junction boxes correctly closed?			
Are flat and sealing joints clean and without damages?			
Are characteristic, type and position of lamps correct?			
Is the insulation resistance correct?			
Are the ends of cables not in use correctly protected?			
Are floors adequately conductive?			
Are lift trucks and other vehicles used in the vicinity fully protected to the appropriate standard?			
Are operators supplied with anti-static dissipative footwear, gloves and are provided with natural fiber clothing (cotton or linen clothing instead of wool, silk, or synthetic materials)?			
Are all containers, pipework, hoses, plant, etc. conductive, bonded together and earthed?			
Is liquid flow velocity of filling vessels under control and inside allowed range?			
Is earthing present when needed all through the installation?			
Are all earthing straps, clamps, wires and monitoring systems regularly inspected and maintained in good working order in relation to the characteristics of the installation and the intended use?			
Are electric switchboards provided with over-current and short circuit protections (circuit breakers)?			
Is there presence of residual-current devices (RCD)?			
Are electrical protection automatic devices operating inside allowed ranges?			
Are connections of uncovered electrical sockets avoided?			
Are sockets power surges avoided?			
Is electrical apparatus selected and installed according to EN 60079 and EN 1127?			
Is relative humidity being controlled in all working areas?			

A = already verified	B = not applicable	C = requires a more detailed study