13.20		**Cryptosporidium reduction** Manufacturers of an ozone generation system with a claim of *Cryptosporidium parvum* reduction shall demonstrate a minimum of 3-log (99.9%) or greater reduction of *Cryptosporidium parvum i*n a single pass when tested in accordance with Annex H.3. The ozone generation system shall reduce the number of live *Cryptosporidium parvum* oocysts from an influent challenge of at least 5,000 (5 x 103) infectious oocysts per liter by at least 99.9% when tested in accordance with Annex H section H.3. The *Cryptosporidium parvum* oocysts shall be from a calf source. The viability shall be greater than 50% determined by excystation. The oocysts shall be stored with 1,000 I. U. / mL penicillin and 1,000 µg/mL streptomycin at 4 °C (39 °F) and shall be used within eight weeks of collection. The live *Cryptosporidium parvum* oocysts shall not be inactivated by any means including chemical or UV irradiation prior to passing through the ozone generation system. NOTE – It has been reported that the oocyst wall of viable oocysts may deform. Excystation is performed as an indication of the potential of the oocyst wall to deform and is not done to measure the infectivity of the organism.	
13.21		**Operation and installation instructions** Added requirement to include level of disinfection efficacy.	
13.22		Information shall be provided to the user concerning the potential for off gassing of ozone and required ozone removal devices, if applicable.	
13.23		**Data plate** location readily accessible after normal installation. Data plate(s) shall contain the following: − manufacturer's name and contact information (address, phone number, website, or prime supplier); – model number; – serial number or date of manufacture; – certification mark of the ANSI-Accredited testing and certification organization; – electrical requirements (volts, amps, hertz) for operation; – type of feed-gas; – rated feed-gas flow rate (SCFH and/or LPM); – rated ozone production (grams/hour and/or lb/day); – method of cooling and coolant flow rates; – level of disinfection certification (Level 1 or Level 2); and – caution statements (prominently displayed) including a statement that the unit is designed for secondary disinfection and should be used with an EPA registered disinfecting chemical to impart a measurable residual concentration in the water.	
Section 20	Info only	**Spas and hot tubs** Added new section for the evaluation of public spas.	
Section 21	Info only	**Fittings for water-park, spray-pad, pool, or spa** Added new section for the evaluation water inlet or water return fittings, surface or deck drain fittings, overflow fittings and perimeter grating, and fittings for water circulation and treatment.	