

City of Mississauga's Recirculation Checklist for Public Pools

Ontario Regulation 332/12

Project Address	<u></u>	_
Class of Pool		

	Building Code Section	Requirements	
1		Pool Dimensions:	
		Water Volume:m ³	
		Surface Area:m ²	
2	3.11.6.1.(7)	Modified pools to have 2 or more drain fittings with openings sized at 10x the pipe size. area of pipe inches = $\frac{d^2 \times 3.14}{4}$ = $\frac{2}{4}$ = $\frac{2}{4}$ area of opening = $\frac{2}{4}$ = $\frac{2}{4}$ area of pipe	
3	3.11.8.1.(3)	Backflow Preventer Make:	
		Model:	
4	3.11.8.1.(5)	Turnover Rate for Class of Pool: Recirculation Flow: water turnovers per day x pool volume (m³) 24 (hr/day) (m³/hr)	
		Filter Model:	
		Filter Size (inches):	
		Filter Rate (U.S. G.P.M.):	
		Pump Model:	
		Pump Size (h.p.):	
5	3.11.8.1.(6)	Flow Meter Make:	
		Model:	
6	3.11.8.1.(7)	Water Meter Size (in.):	
7	3.11.8.1.(8)	Disinfecting pool will requiregrams per day of chlorine.	
		water vol.(L) x gm.of chlorine/day 10,000(L)	
8	3.11.8.1.(9)	Gas chlorination equipment shall automatically shut off when recirculation system stops supplying water to pool.	
9	3.11.8.1.(10,11)	Potable water to be colour-coded green and chlorine to be colour-coded yellow.	

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10	3.11,8.1.(12)	Overflow gutters or surface skimmers to discharge surface film at a rate of 15% of the total pool volume /day.	
11	3.11.8.1.(13)	Inlets arranged with surface skimmers or overflow gutters to provide uniform distribution and circulation of clean water.	
12	3.11.8.1.(14)	Fittings at or below water surface to have a maximum opening of $7\text{mm}(^9/_{32}\text{ in.})$ in one direction, held in place with corrosion resistant fasteners that require a tool for removal.	
13	3.11.8.1.(15) Modified Pools see 3.11.6.1(7)	Two main drains are required a minimum 1200 mm (3'-11") apart.	
		Main Drain Type And Model:	
		Drain Free Area (m²):	
14	3.11.8.1.(16) Modified Pools see 3.11.6.1(7)	Pool to be capable of being emptied in 12 hours or less.	
		A inch drain is required for a L/min.	
		discharge rate. 4"≤ 238.5 L/min.	
		<u>pool volume</u> 6"≤ 700.3 L/min.	
		720(min./ ½day) 8"≤ 1476.3 L/min. 10"≤ 2782.3 L/min.	
	2 11 6 1 (17)		
15	3.11.8.1.(17) Modified Pools	Flow velocity through grate or covers(m/sec.) < 0.45m/s.	
	see 3.11.6.1(7)	m³/sec. flow rate	
		free area of grate or cover (m ²)	
16	3.11.8.1.(18)	Suction and gravity fittings to be clearly marked with a 50mm contrasting band.	
17	3.11.8.1.(20)	Submerged skimmer, equalizer fittings and vacuum fittings are not permitted in public pools.	
Compa	any Name:		
Address:			
Phone No.:			
Designer's Name:			
Signature:			

The following public pools require design and review by an architect or engineer or both where appropriate:

- pools classified as Group A Division 3 Major Occupancies, and
- principal occupancies in Part 3 buildings.

P. Eng. Stamp, Signed and Dated