

GEW163-14

703.3

Proponent: Jonah Cecil Scheib, Urban Green Council, representing Urban Green Council (cs@urbangreencouncil.org)

Delete and substitute as follows:

~~**703.3 Condensate coolers and tempering.** Potable water shall not be used as tempering water for sanitary discharge where the tempering water volume requirement for the application exceeds 200 gallons per day (757 liters per day). Where the tempering water volume required for the application is 200 gallons per day (757 liters per day) or less and potable water is used for tempering, water flow control devices shall be installed. Such control devices shall limit the flow rate of tempering water to that which is necessary to limit the temperature of the waste discharge to a maximum of 140°F (60°C). Such devices shall have a maximum flow rate of 200 gallons per day (757 liters per day).~~

703.3 Potable and nonpotable water prohibited for tempering. Neither potable water nor nonpotable water shall be used for tempering condensate and other waste water before discharging it to the sanitary drainage system.

Reason: Tempering water is used to cool condensate (for instance, from a steam heat system), which is then drained into the sewer. The current limit of 200 gallons per day would still allow 73,000 gallons per year of water to be delivered to the sanitary sewer, after serving no other use that briefly absorbing some heat. Even nonpotable water that has been treated sufficiently to permit its use inside buildings can be used for a higher purpose than as a heat sink. No other building systems waste water in this manner, and the green code should prohibit new installations from using tempering water (either potable or nonpotable) for condensate.

Bibliography:

NYC Green Codes Task Force, Proposal Water Efficiency 6 ([Proposal](#)) NYC Local Law 54 of 2010 ([Law](#); [Legislative Summary](#))
NYC Plumbing Code Section 202 and 428 ([Code reference](#))

Cost Impact: Will not increase the cost of construction.

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