

GEW179-14

Table 705.1.1

Proponent: Daryn Cline, representing EVAPCO, Incorporated (dcline@evapco.com)

Revise as follows:

**TABLE 705.1.1
METERING REQUIREMENTS**

APPLICATION	REQUIREMENTS
<u>Open & Closed Circuit</u> Cooling towers	Cooling towers of 100 tons capacity or greater or groups of towers with a <u>flow through tower greater than 500 gpm (30 L/s)</u> shall be required to utilize a meter on makeup water and blow-down water supply lines.

(Portions of table not shown remain unchanged.)

Reason: Reason for editing the Cooling Tower section:

- 1) Clarify that this applies to open and closed circuit cooling towers (not just open towers)
- 2) This suggested edit of switching "to greater than 500 gpm, in lieu of 100 tons or greater" matches ASHRAE 189.1, and eliminates the tonnage requirements.
- 3) Removes "Groups of towers" wording which seemed vague and out of place.

Bibliography:

ASHRAE Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings Page 21, Table 6.3.3B Subsystem Water Measurement Thresholds.

Cost Impact: Will not increase the cost of construction. This proposed change will result in a cost savings to the owner, as metering will not be required for small 100 ton cooling towers.

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