



COOLING TOWER EFFICIENCY PROGRAM REGISTRATION FORM

Section 1126.05 of the city's [Local Amendments to the 2015 Uniform Mechanical Code](#) requires all properties with cooling towers to register them with Austin Water.

REGISTRATION DUE DATES

- Existing cooling towers must be registered by December 31, 2017
- New cooling towers must be registered before operation

EFFICIENCY STANDARDS & UPGRADE REBATES

Austin Water will review the registration forms to help customers identify potential water-saving upgrades and eligibility for available rebates.

Efficiency Standards

- **All cooling towers using Austin Water potable water** must have:
 - o Make-up and blow down sub-meters;
 - o A conductivity controller;
 - o A drift eliminator with a drift rate of not more than 0.005% of the circulated water flow rate for cross-flow towers and 0.002% for counter flow towers;
 - o An overflow alarm; and
 - o Achieve at least 5 cycles of concentration.
- **New facilities** (*building permit application submitted after September 5, 2017*) **with cooling towers of 100 tons or greater combined cooling tower capacity:**
 - o Must have the make-up and blow down meters and overflow alarm connected to the building's Central Energy Management System or Utility Monitoring Dashboard; and
 - o The facility must have a water storage tank, plumbing and treatment system to either use blow down water for wash down, cleaning, toilet flushing, subsurface irrigation and other authorized purposes; or offset a minimum of 10% of the makeup water with reclaimed or onsite alternative water sources.

Water Efficiency Upgrade Rebates

- Up to \$100,000 per eligible upgrade project is available through [Bucks for Business](#)
- Equipment and systems required by city code are not eligible for rebates

CHECKLIST

- Complete a separate Registration Form and Cycles of Concentration Worksheet (*see page 2*) for each cooling tower site (*All information is required. Austin Water will not accept incomplete forms.*)
- Submit the completed Registration Form to Austin Water by the applicable due date
Mail: Austin Water Conservation, PO Box 1088, Austin, TX 78767
Email: watercon@austintexas.gov
Fax: 512-974-3504
In Person: 625 E. 10th Street, Suite 615 Austin, Texas 78701
- Austin Water will review submitted information and contact customers about possible water-efficient upgrades and available rebates

RESOURCES

- [Cooling Tower Efficiency Program Frequently Asked Questions](#)
- [Cycles of Concentration Worksheet](#)

COOLING TOWER EFFICIENCY - REGISTRATION FORM**CUSTOMER INFORMATION**

Austin Water Account Number: _____ Backflow Serial Number: _____

Company Name: _____

Tower Site Name (Ex. North Tower or Store #53): _____

Property Address: _____

City: _____ State: _____ Zip: _____

Mailing Address (if different): _____

City: _____ State: _____ Zip: _____

Site Management Contact Name: _____ Title: _____

Phone: _____ Email: _____

COOLING TOWER INFORMATION

Cooling Tower:	Make & Model: _____
	Size (tons): _____ Date Installed: _____
	Water Source(s): _____
	Cycles of Concentration: Complete & Submit the Cycles Of Concentration Worksheet

Make & Model of the Following:	Conductivity Controller: _____
	Drift Eliminator: _____
	Overflow Alarm: _____

Make-Up Meter:	Model Number: _____ Serial Number: _____
	Meter Units of Measure: <input type="checkbox"/> Gallons <input type="checkbox"/> Cubic Feet <input type="checkbox"/> Pounds <input type="checkbox"/> CCF

Blowdown Meter:	Model Number: _____ Serial Number: _____
	Meter Units of Measure: <input type="checkbox"/> Gallons <input type="checkbox"/> Cubic Feet <input type="checkbox"/> Pounds <input type="checkbox"/> CCF

Yes No Are makeup / overflow meters and overflow alarm connected to the building's central energy management system or utility monitoring dashboard?

Yes No Is cooling tower blowdown reused for on-site beneficial uses?

Yes No Is any make-up water supplied by reclaimed or on-site auxiliary water sources?

CUSTOMER STATEMENT

I certify that all statements and representations contained in this form are true, correct and complete.

Cooling Tower Owner or
Authorized Representative's Name: _____ Title: _____

Signature: _____ Date: _____