

ASSEMBLY REQUIRED

August 2025

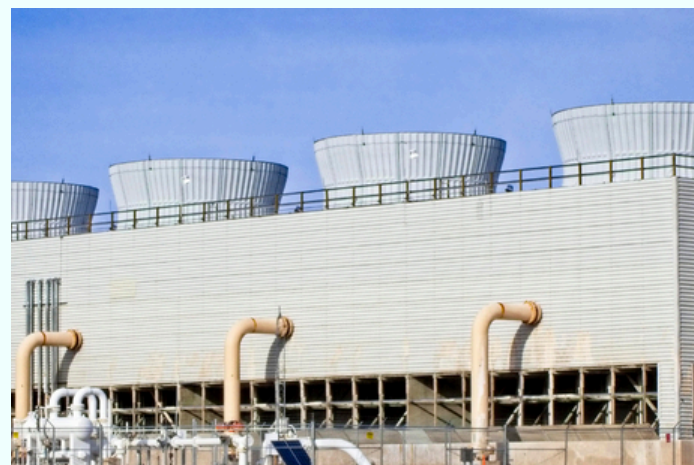
THE WATER COOLER

The PEPM Group team was on-site this month at a refinery product facility in Oklahoma, conducting advanced 3D laser scanning and comprehensive field data collection to support upcoming engineering work. Our scope of services spans process, mechanical, and structural engineering, alongside detailed drafting and equipment layout. The precision-enabled 3D scanning efforts are instrumental in minimizing project risk and enhancing design accuracy. PEPM Group continues the commitment to engineering excellence and supporting all our clients' growth across multiple and complex industrial sectors.



PEPM Group is pleased to announce the upcoming launch of a process line facility project in Tennessee. PEPM will provide comprehensive mechanical, electrical and structural engineering services, along with drafting to support both design and installation phases. Our engineering team will be on-site to verify existing and proposed site conditions to ensure design accuracy. The project will emphasize process improvement with optimized preservation, reduced costs and food waste and enhanced sustainability. PEPM will lead the design and implementation of new utilities to support the processing equipment, including steam, cold water, chlorinated water, and compressed air. In addition, our team will assist with structural design and electrical engineering for both new and relocated equipment. PEPM is proud to contribute to this facility upgrade and remain committed to delivering high-quality engineering solutions that support the operational and performance goals of our customers.

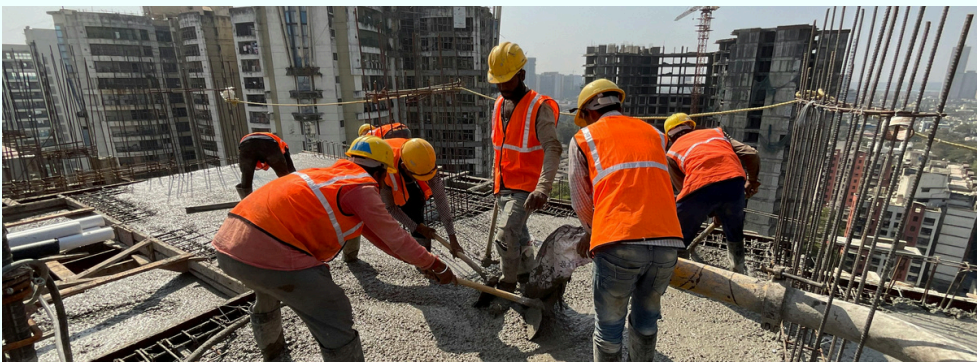
This month, PEPM Group began structural engineering work on multiple cooling towers for a major data center project. Our CSA team is highly specialized in energy, food processing, and manufacturing design, backed by over 100 years of combined experience in structural and civil engineering. PEPM is recognized by the U.S. Department of Commerce as an exporter of engineering services, with unique structural designs delivered across numerous international locations. Contact PEPM for your structural engineering needs.



WE ARE HIRING!

For a long-term fulfilling career, a caring, encouraging, and respectful workplace, contact PEPM. Apply today at www.pepmgroup.com/careers

- **Senior Electrical Engineer** (Fayetteville, AR), 6+ years of electrical design work in industrial engineering, 4+ years of field experience, proficiency in designing, installing, and maintaining electrical systems required, proficiency in AutoCAD 2D AND Revit 3D for electrical system design required, bachelor's degree in electrical engineering is required, electrical PE preferred



HOW TO PROTECT EMPLOYEES FROM HEAT AND OTHER CLIMATE EXTREMES

Last month's heat wave affecting large portions of the U.S.'s east, midwest, and south regions illustrated the danger that climate extremes pose to workers.

Despite the scientific consensus on the topic, employers may fail to comprehend the link between climate change and extreme weather events, said Kristina Dahl, VP of science at the nonprofit Climate Central, in part because of the natural day-to-day variability in weather conditions.

There is a long list of items for employers to consider when it comes to environmental heat precautions. Jessica Martinez, executive director of the National Council for Occupational Safety and Health, said that, at a minimum, employers should guarantee:

- Clean, potable drinking water
- Access to rest and shaded or cooled areas
- Paid breaks at regular intervals with flexibility during high heat
- Clear protocols for identifying heat illness and heat stress symptoms and encouragement of symptom reporting
- Modified work schedules during extreme heat periods, especially for new or returning workers
- Access to safety training in languages that workers speak

Original Article: How to protect employees from heat and other climate extremes: [Construction Dive](#)

WE WANT YOUR FEEDBACK!

komantere (*Kituba for feedback*)

To ensure a great newsletter, let us know what you think! Your ideas and stories can make this newsletter a truly engaging experience. Send your suggestions to y Zhang@pepmgroup.com. *Your feedback is greatly appreciated and valued!*

GET PROPOSAL Have questions about MEP, CSA, industrial refrigeration, process design, architectural, or project management? Contact PEPM Group at y Zhang@pepmgroup.com, admin@pepmgroup.com, (918) 895-6766, or visit www.pepmgroup.com.



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AUGUST

IN THE KNOW...

August, which is the eighth month in the Julian and Gregorian calendar, is named after Emperor Augustus.

2018 Apple became the first American publicly listed company to reach \$1 trillion in value.

1991 Tim Berners-Lee released files describing his idea for the World Wide Web and debuted WWW as a publicly available service on the Internet.

1958 Nuclear-powered submarine USS Nautilus began the first transit of the North Pole in Operation Sunshine.

1888 American inventor William Seward Burroughs patented the adding machine.

1774 English chemist Joseph Priestley discovered oxygen by isolating it in its gaseous state.

1682 English astronomer Edmond Halley first observes the comet named after him.

1609 Galileo Galilei demonstrates his first telescope to Venetian lawmakers, including the Doge (ruler) of Venice, Leonardo Donato.

1596 German astronomer and priest David Fabricius discovers the light variation of Mira, the first variable star.

Original Article: *OnThisDay*: www.OnThisDay.com